

## السيرة الذاتية



أستاذ دكتور / أيمان فريد أبو حديد  
أستاذ متفرغ - قسم البساتين، كلية الزراعة ، جامعة عين شمس.

الحالة الاجتماعية : متزوج وله ابنتان وولد

تاريخ الميلاد : 15 ديسمبر عام 1950.

مكان الميلاد : القاهرة - جمهورية مصر العربية

الجنسية : مصرى

اللغة : العربية و الانجليزية

وسائل الإتصال: هاتف العمل: 0020244441386

فاكس العمل : 0020244446852

البريد الإلكتروني : [ayman\\_abouhadeed@agr.asu.edu.eg](mailto:ayman_abouhadeed@agr.asu.edu.eg)

البريد الشخصي : [aabouhadid@yahoo.com](mailto:aabouhadid@yahoo.com)

عنوان العمل: كلية الزراعة جامعة عين شمس. صندوق بريد 68 حدائق شبرا. 11241 القاهرة. جمهورية مصر العربية.

عنوان المنزل : 5 ش سعيد بحاجت، النزهة ، مصر الجديدة، القاهرة. جمهورية مصر العربية.

الهاتف الشخصي (منزل) : 0020226366932

00201069999665 : (محمول)

بيانات أكاديمية:

• حصل على البكالوريوس من كلية الزراعة، جامعة القاهرة في يونيو 1973

• حصل علي الماجستير من كلية الزراعة جامعة الأزهر عام 1978

• حصل علي الدكتوراه من جامعة الأزهر من قناة علمية مع جامعة ويلز، ابرستويث- المملكة المتحدة (1984)

• تلقى 15 دورة تدريبية متخصصة في مصر و الخارج في العديد من الدول منها الولايات المتحدة الأمريكية و المملكة المتحدة و فرنسا و هولندا و النرويج.

• حضر 200 مؤتمرا دوليا و مهمة علمية في مختلف دول العالم. كما قام بتنظيم ثلاث مؤتمرات دولية في مصر في مجالات الزراعة العضوية و الزراعة الحمية و تكنولوجيا الزراعة بدون تربة.

**اللقب الأكاديمي:** أستاذ متفرغ - قسم البساتين، كلية الزراعة ، جامعة عين شمس.

## التاريخ المهني:

- وزير الزراعة و استصلاح الأراضي الأسبق (يوليو 2013 – يونيو 2014)
- وزير الزراعة و استصلاح الأراضي الأسبق (يناير 2011 – يوليو 2011)
- رئيس مركز البحوث الزراعية الأسبق ( من 4 سبتمبر 2007 – يناير 2011)
- مكلف رئيساً لمركز البحوث الزراعية ندباً من جامعة عين شمس ( من 23 يونيو 07 حتى سبتمبر 2007)
- مكلف وكيلًا لمركز البحوث الزراعية، وزارة الزراعة و استصلاح الأراضي (مارس – يونيو 2007)
- مدير معهد الدراسات العليا والبحوث الزراعية في المناطق القاحلة بجامعة عين شمس (2006-2007).
- رئيس قسم البساتين بكلية الزراعة جامعة عين شمس (2005 – 2007)
- الرئيس السابق لجهاز شئون البيئة (2002-2003).
- تولى رئاسة الاتحاد العام لمنتجي ومصدري الحاصلات البستانية (2003 – 2005).
- المشرف على الشعبة الزراعية ،المهيئة القومية للاستشعار من بعد و علوم الفضاء بوزارة البحث العلمي (أكتوبر 2004 حتى 2007) .
- مدير المعمل المركزي للمناخ الزراعي - مركز البحوث الزراعية (1996-1996)
- استاذ الخضر بقسم البساتين. كلية الزراعة، جامعة عين شمس منذ 1994
- استاذ الخضر المساعد بقسم البساتين. كلية الزراعة، جامعة عين شمس 1989
- مدرس الخضر المساعد بقسم البساتين. كلية الزراعة، جامعة عين شمس 1984
- مدرس مساعد بقسم البساتين. كلية الزراعة، جامعة عين شمس 1983
- مدرس مساعد بقسم النبات - الشعبة الزراعية- المركز القومي للبحوث 1978
- مساعد باحث بقسم النبات - الشعبة الزراعية- المركز القومي للبحوث 1974

## الخبرات المهنية :-

- حاصل على وسام العلوم و الفنون من الطبقة الاولى – ابريل 2013
- حاصل على جائزة الدولة التقديرية في العلوم الزراعية عام 2009.
- حاصل على الميدالية الفضية لمنظمة الأغذية و الزراعة عام 1994 (الماء للحياة).
- تكريم من رئيس الوزراء في يوم البيئة العالمي 2006.
- حاصل على الميدالية الفضية لمنظمة الأغذية و الزراعة عام 2007 ( التنمية الغذائية و الإجتماعية).
- تكريم من جامعة القاهرة في احتفالات المئوية يوم الرواد عام 2008 .

## النشاط العلمي:-

- أشرف على 43 رسالة ماجستير و 27 رسالة دكتوراه. و يشرف على 8 رسائل ماجستير و 9 رسائل دكتوراه
- نشر 227 بحثاً علمياً في مؤتمرات دولية أو في مجالات علمية.
- حاصل على 9 براءات إختراع في مجال المعلوماتية الزراعية.
- الإشراف على تأليف مرجعاً علمياً و عملياً عن الزراعة الحممية صدرت الطبعة الأولى منه عام 1987 بإسم "محاضرات في الزراعة الحممية" ، تم تعديله في طبعات لاحقة، ويوزع من خلال مشروع منظمة الأغذية والزراعة بوزارة الزراعة.

- الإشراف على سلسلة من النشرات الإرشادية و المساهمة في تأليف أعدادها وتحديثها من خلال مركز البحوث الزراعية.
- مقرر و رئيس العديد من المؤتمرات الدولية وقام بتحرير ثلاثة اعداد من مجلة البساتين الدولية (Acta Hort.).
- مستشار لمنظمة الأغذية والزراعة - برنامج الأمم المتحدة الإنمائي - برنامج الأمم المتحدة للبيئة- منظمة الأمم المتحدة للتنمية الصناعية- الاسكوا- الاكساد - والمركز الدولي للبحوث الزراعية في المناطق الجافة (إيكاردا).
- قام بتأليف عددا من المنشورات الفنية الصادرة من منظمة الأغذية والزراعة بمجموعة عمل الزراعة الحミية في حوض البحر المتوسط و منها "قاعدة المعلومات للزراعة الحميية" باللغة الإنجليزية و "الزراعة بدون تربة في حوض البحر المتوسط" بالإنجليزية و "الزراعة بدون تربة" باللغة العربية عن قسم الإنتاج الباتي بمنظمة الأغذية و الزراعة، روما. كما ساهم في إعداد كتاب عن سياسات برامج البدور في منطقة الشرق الأدنى و شمال أفريقيا مع منظمة الأغذية والزراعة. و كتب فصلا باللغة الإنجليزية في كتاب التغيرات المناخية و الأمان الغذائي في غرب آسيا و شمال أفريقيا نشرته البحر المتوسط نشرته منظمة الأغذية و الزراعة برقم 217 في سلسلة انتاج و وقاية النباتات سنة 2013.

#### **الأنشطة التأسيسية:-**

- اسس مركز معلومات التغيرات المناخية بوزارة الزراعة و هو اول رئيس له منذ 2009 و حتى نوفمبر 2015.
- اسس معهد الدراسات العليا و البحوث الزراعية في المناطق القاحلة بكلية الزراعة بجامعة عين شمس (2006)
- قام بإنشاء درجة الماجستير الدولي مع جامعة ميلانو و معهد المناطق القاحلة ، جامعة عين شمس (2006)
- أسس عام 1996 المعمل المركزي للمناخ الزراعي - مركز البحوث الزراعية و كان اول مدير له (1996-2004). قام بنشر شبكة متكاملة من محطات الأرصاد الجوية الآلية علي كافة الجمهورية و استخدامها في البحوث و الإرشاد باستخدام نظم المعلومات والنماذج الرياضية.
- اسس الشبكة القوميه للارصاد الجويه الزراعيه بوزارة الزراعة عام 1995 .
- أسس مركز تدريب البوصيلي للزراعة الحميية ضمن مشروع الزراعة الحميية وذلك بمساهمات من هولندا ومنظمة الأغذية والزراعة وكذلك وكالة التنمية الدولية الأمريكية ثم تحولت الى وحدة ذات طابع خاص تابعة للمعمل المركزي للمناخ الزراعي والتي تحتوي على عدد (158) صوبه زراعية ومبني للتدريب لخدمة منطقة شمال الدلتا
- شارك في تأسيس معمل الزراعة في المناطق القاحلة من العديد من المشروعات البحثية و التطبيقية ثم قام بتأسيس وحدة الزراعة في المناطق القاحلة عام 1996 ، والوحدة بختية خدمية ذات طابع خاص بجامعة عين شمس تحوي معامل و حواسيب و مكتبة ومزرعة ووحدات متقدمة لقياسات النمو و التطور للنبات و التي طورها الى مركز خدمات و بحوث الزراعة في المناطق القاحلة بجامعة عين شمس عام 2006 وعين مدير لها.
- قام بوضع مقترن مشروع الزراعة الحميية مع منظمه الأغذيه والزراعه وبرنامج الامم المتحده الإنمائي وعين مدير لها في المرحلة الاولى (1988-1995) و المرحلة الثانية (1995 - 2002).
- انتدب عام 1987 مقررا للجنه القوميه للزارعه الحمييه ورئيس لجنة المتابعه في وزارة الزراعه التي تولت نشر الزراعه الحمييه بمصر.

## عضوية الجمعيات و الشبكات العلمية بالصفة الشخصية:

- عضو مجلس امناء مدينة زويل العلمية
- عضو مجلس ادارة مراكز البحوث الزراعية المتقدمة في البحر المتوسط (CIHEAM) و نائب رئيس المجلس . 2014-2015.
- عضو اللجنة العلمية لجنة سلامة الغذاء - ابو ظبي
- عضو المجالس القومية المتخصصة- شعبة الإنتاج النباتي و لجنة الهندسة الوراثية.
- عضو مجلس بحوث البيئة و التنمية- أكاديمية البحث العلمي
- عضو مجلس بحوث الزراعة و الغذاء - أكاديمية البحث العلمي
- عضو اللجنة الإستشارية للتغيرات المناخية- وزارة الدولة لشئون البيئة
- عضو اللجنة التنسيقية لمشروع محاور التنمية- مركز بحوث الإسكان و البناء
- سكرتير تحرير المجلة المصرية للبساتين.
- رئيس منتخب لشعبة الزراعة الحمية بالجمعية الدولية للبساتين- بلجيكا ( ISHS ). و تضم الشعبة المئات من الشخصيات العلمية الدولية في هذا المجال (1998 – 2006).
- عضو مؤسس لجامعة عمل الزراعة بدون تربة بقسم إنتاج و تغذية النباتات بمنظمة الأغذية و الزراعة ( FAO ) منذ 1998 .
- عضو مجلس ادارة رابطة البحوث الزراعية لأقليم شمال افريقيا والشرق الأدنى ( AARINENA ) منذ 2008 حتى 2011

## التعاون الدولي

الباحث الرئيسي لعدد من المشروعات المحلية و الاقليمية والدولية بتمويل من جهات علمية محلية و دولية حيث قام بإعداد مشروعات مشتركة مع عدد من الباحثين في الدول التالية:  
السويد، النرويج، هولندا، إسبانيا، فرنسا، إيطاليا، ألمانيا، والمملكة المتحدة، الولايات المتحدة الأمريكية، اليونان، تركيا، سوريا، الأردن، لبنان، تونس، المغرب

## **المشروعات البحثية:**

- المدير الفنى لمشروع تطوير معمل الزراعة فى المناطق القاحلة والتأهيل للأعتماد لـ ISO 17025 الممول من وزارة التعليم العالى وجامعة عين شمس من 2014
- الباحث الرئيسى لمشروع التنمية المجتمعية المستدامة: برنامج التجمعات الزراعية المتكاملة بسيناء احد مشروعات مؤسسة مصر الخير - المرحلة (1) النموذج التنموي. من 2014
- مدير مشروع الفحص الشامل للإنتاج الزراعي في منطقة وادي النيل والدلتا (CIPA) ، خلال الفترة من أبريل 2008 حتى ديسمبر 2011
- مستشار لمشروع تكيف الزراعة في المناطق الأوربية في المخاطر البيئية في ظل تغير المناخ (ADAGIO) الممول من الاتحاد الأوروبي خلال الفترة من 2007 حتى 2009
- الباحث الرئيسى لمشروع كفاءة استخدام المياه لإنتاج خضر عالي الجودة (2003-2007).
- المنسق الوطنى لمشروع (ENCO-DC) مشروع زراعة الأراضي الهاشمية للزراعة الخفيفة في شمال الدلتا وجنوب تركيا ( Intensive Agriculture ) بتمويل من الإتحاد الأوروبي خلال الفترة (1997 – 2001). من الإتحاد الأوروبي مع المملكة المتحدة و إسبانيا و تركيا و مصر
- المنسق الوطنى لمشروع الزراعة المائية صديقة البيئة (ECOPONICS) مول من الإتحاد الأوروبي بالتعاون مع تركيا، المغرب، الأردن،mania ومصر خلال الفترة من 2003 حتى 2006.
- المنسق الإقليمي لمشروع التحكم في كمية الانبعاثات والحد من المخاطر الناجمة عن تغير المناخ في شمال افريقيا بالتعاون مع مصر ، تونس، المغرب، إسبانيا والممول من البرنامج البيئي للأمم المتحدة منذ 2002 وحتى 2006.
- الباحث الرئيسى لمشروع تقييم التأثيرات والتغيرات المناخية في شمال افريقيا (AIACC-90) خلال الفترة من 2002 حتى 2004.
- المدير القومى لمشروع الزراعة الخفيفة (FAO-UNDP- EGY/86/014) (1995 – 1987)
- المدير القومى للمرحلة الثانية من مشروع الزراعة الخفيفة (FAO-UNDP- EGY/95/002) خلال الفترة 2002-1995.
- مدير مشروع انشاء قاعدة بيانات للارصاد الجوية الزراعيه بمصر والممول من فرنسا خلال الفترة ( 1999-2003).
- الباحث الرئيسى لمشروع كفاءة الاستخدام المستدام للمياه في منطقة البحر المتوسط (ICA3 1999- (Hortimed 2003) خلال الفترة من 1999 إلى 2003.
- الباحث الرئيسى لمشروع الغذاء الأخضر من الأسطح الخضراء (GFGR) في المناطق الحضرية وشبه الحضرية - مصر (FAO-TCP / EGY / 0166) الفترة من نوفمبر 2001 إلى أبريل 2003.
- منسق مشروع اداره المزارع الحقلية باستخدام ونقل التقنيات الزراعيه الحديثه ( IRIS ) ( استخدام ونقل التكنولوجيا ) (US-AID) خلال الفترة 1997-1991.
- الباحث الرئيسى لمشروع تطوير الري الحقلى للفول والقمح باستخدام الري تحت السطحي (1997 – 2000)
- مستشار لمشروع الزراعة الخفيفة في الجزيرة العربية للإيكاردا (1995 – 2005).
- الباحث الرئيسى لمشروع استخدام التقنية الحديثة في الزراعة الخفيفة (2002 – 2006).

- مستشار لمشروع استخدام المخلفات الزراعية خلال الفترة (2002 – 2006)
- الباحث الرئيسي لمشروع استخدام بيانات الأرصاد الجوية في الإدارة المائية للمحاصيل في الإدارة الجديدة (1995 – 1997)
- (مشروع استخدام ونقل التكنولوجيا).
- مدير مشروع تدريب شباب الخريجين في الأراضي الحميمية والممول من فرنسا خلال الفترة (1994 – 1998)
- الباحث الرئيسي لمشروع الاستفادة من الزراعة المائية ونظم الزراعة في الأحواض لزيادة إنتاجية الخضروات – (US-AID & ATUT 1994-1996).
- مساعد الباحث الرئيسي لمشروع الزراعة في المناطق القاحلة (US-AID - CALAR II) خلال الفترة من (1990 – 1995)
- عضو الفريق البحثي لمشروع الزراعة في المناطق القاحلة – نشاط الملوحة (US-AID - CALAR I ) خلال الفترة (1981-1989)
- الباحث الرئيسي لمشروع انتاج الخضر تحت الظروف المناخية المعدلة في المناطق القاحلة ممول من المنظمة الدولية للعلوم بالسويد (IFS) خلال الفترة من (1985 – 1987)
- باحث في المشروع المصري النرويجي للطماطم EGNO (ممول من NORAD) خلال الفترة (1979 – 1983).

#### المقررات التي اشتراك في تدريسها:

##### مقررات الدراسات العليا:

- 1- الزراعة الحميمية في البساتين
- 2- استخدام منظمات النمو في البساتين
- 3- تغذية و ري محاصيل الخضر
- 4- انتاج خضر بدون تربة
- 5- الارصاد الجوية الزراعية

##### مقررات مرحلة البكالوريوس:

- 1- انتاج بساتين
- 2- اساسيات بساتين
- 3- فسيولوجي خضر وزينة

##### السفر للخارج: ما يزيد عن 200 مهمة علمية و دورة تدريبية و اجازة دراسية

الإهتمامات البحثية: التنمية الزراعية و الريفية، المناخ الزراعي، البيئة الزراعية، الإجهاد البيئي، علاقة النبات بالماء، المقننات المائية، الري، الزراعة المحمية، الزراعة بدون تربة، انتاج الخضر، تربية الخضر و انتاج البذور.

##### الأبحاث المنشورة: 225 بحث

براءات الاختراع: 9 براءات لبرامج حاسب ألي لأدارة المزارع و تطبيقات المناخ الزراعي

### مؤلفات أخرى:

- شارك في اعداد و تاليف 6 كتب
- نظم 4 مؤتمرات دولية
- قام و شارك في تحرير خمسة كتب ناتجة من مؤتمرات دولية
- قام بتأليف 8 فصول في كتب منشورة
- ساهم في اعداد 11 تقرير علمي لمنظمات دولية
- شارك في تاليف و اعداد 19 نشرة ارشادية زراعية تتضمن تكنولوجيات متقدمة.
- اشرف الاستاذ الدكتور أيمن فريد ابو حديد خلال تاريخه العلمي علي العديد من رسائل الماجستير و الدكتوراه. الرسائل العلمية المجازة تحت اشرافه عددها 70 رسالة منها عدد 27 رسالة دكتوراه تم اجازتها، منها 8 منحت بعد الحصول على الجائزة التقديرية و 19 قبلها. كما اشرف على 43 رسالة ماجستير تم إجازتها منها 3 منحت بعد الحصول على الجائزة التقديرية واربعين قبلها. هذا بالإضافة الي اشرافه حاليا علي 17 رسالة جارية منها 8 ماجستير و 9 دكتوراه.

## رسائل ماجستير

رقم	اسم الطالب	تاريخ التسجيل	تاريخ المنح	عنوان الرسالة
1	محمد محمود صالح (زراعة الأزهـر)	1985	1990	اثر التقليل على نمو الخضر تحت الانفاق المنخفضة
2	اسامه احمد البشيرى	1985/6/15	1990/4/29	دراسات على بعض النظم المختارة للزراعه تحت الظروف المحميه لبعض محاصيل الخضر
3	سمير رجب احمد محمد	1988/1/11	1991/1/27	تأثير تغطيه التربه بالبلاستيك على نمو محصول بعض محاصيل الخضر
4	محمود عبدالله محمد مدنـي	1988/1/11	1991/8/19	دراسات على الاحتياجات الحراريـه لمصوـلـى الفـلفـلـ والـخـيـارـ تحت الصـوبـ البـلاـسـتـيـكـيهـ
5	محمد محمود عيسـيـ اـحمدـ (ـمعـهـ الـبـيـئـةـ عـيـنـ شـمـسـ)	1990	1992/5/7	تأثير المناخ في الحقل المكشوف على المناخ الدقيق تحت الصوب البلاستيكية
6	سامـىـ عـبـدـ الجـوـادـ محمدـ جـعـفـرـ	1988/1/11	1991/10/28	دراسـاتـ عـلـىـ الـاـسـتـهـلـاكـ المـائـىـ لـنبـاتـ الفـلـفـلـ وـالـخـيـارـ التـائـيـهـ تـحـتـ ظـرـوفـ الصـوبـاتـ الـبـلاـسـتـيـكـيهـ المـدـفـأـهـ وـالـغـيـرـ مـدـفـأـهـ
7	محمد زـكـىـ السـيدـ الشـناـوىـ	1987/10/12	1992/12/26	دراسـاتـ عـلـىـ الـاـسـتـهـلـاكـ المـائـىـ لـبعـضـ مـاـحـاصـيـلـ الـخـضـرـ
8	منـالـ مـحـمـودـ مـرـسـىـ الـطـنـطاـوىـ	1989/9/18	1993/3/20	المـيزـانـ المـائـىـ لـبعـضـ مـاـحـاصـيـلـ الـخـضـرـ تـحـتـ ظـرـوفـ منـطـقـهـ جـنـوبـ الدـاـلتـاـ
9	شـرـيفـ مـعـوـضـ حـسـنـينـ (ـكـلـيـةـ الـبـنـاتـ عـيـنـ شـمـسـ)		1993/ 9/5	دراسـاتـ عـلـىـ مـيـكـروـفـلـورـاـ نـبـاتـاتـ الزـرـاعـةـ الـمـحـمـيـهـ
10	احـمـدـ عـبـدـ النـبـىـ اـحمدـ عـبـدـ الرـحـيمـ	1991/2/11	1994/5/ 18	تأثير بعض المعاملات الزراعـيهـ عـلـىـ اـنـتـاجـ الـبـطـاطـسـ مـنـ الـدـرـنـاتـ الـعـادـيهـ وـالـشـتـلهـ النـاجـمـهـ مـنـ الـبـذـرهـ
11	واـئـلـ عـبـدـ القـادـرـ حـسـينـ الـتـهـامـيـ	1992/9/21	1995/6/28	دراسـاتـ فـسيـولـوجـيهـ عـلـىـ تـحـمـلـ شـتـلاتـ الفـلـفـلـ لـاضـرـارـ درـجـاتـ حرـارـهـ المنـخـضـهـ
12	عبدـ المـوـجـودـ رـجـبـ عـبـدـ الـمـوـجـودـ	1992/9/21	1995/10/19	تأثير بعض الظروف البيئـيهـ غـيرـ المناسبـهـ عـلـىـ نـمـوـ الطـماـطـمـ فـيـ الـأـرـاضـىـ الـفـاقـحـهـ
13	شعـبـانـ الدـسوـقـىـ عـبـدـ العـزـيزـ		1993/1/11	دراسـاتـ عـلـىـ الرـىـ وـالـتـسـمـيدـ لـلـبـطـاطـسـ فـيـ الـأـرـاضـىـ الـمـسـتـصـلـحـهـ حـدـيـاـ
14	امـانـىـ نـجـاشـىـ كـرـاسـ	1994/1/10	1994/2/25	تأثير موـاعـيدـ الزـرـاعـهـ وـالـاجـهـادـ المـائـىـ عـلـىـ اـنـتـاجـيهـ نـبـاتـاتـ الفـاـصـولـياـ
15	فـرـيدـ شـوـقـىـ فـرـيدـ	1992 /9/21	1997 /3 /16	دراسـاتـ مـنـ كـفـاءـهـ استـخـدـامـ الـاسـمـدـهـ لـنبـاتـاتـ الطـماـطـمـ
16	مـاجـدـ عـبـدـ العـزـيزـ اـبـراهـيمـ	1994/ 1/10	1997/ 5/ 19	تأثير الرـطـوبـهـ الـأـرـضـيـهـ عـلـىـ نـمـوـ وـمـحـصـولـ نـبـاتـاتـ الفـلـفـلـ تـحـتـ ظـرـوفـ الزـرـاعـةـ الـمـحـمـيـهـ
17	سعـيدـ عـبـدـ الـحـلـيمـ عـبـدـ العـاطـىـ	1994 /1/ 10	1997/6/14	تأثير بعض الاسـمـدـهـ العـضـويـهـ عـلـىـ نـمـوـ وـمـحـصـولـ الفـلـفـلـ الحـلوـ المـتـزـرـعـ تـحـتـ الـبـيـوتـ الـبـلاـسـتـيـكـيهـ
18	احـمـدـ عـبـدـ اللهـ عـبـدـ الصـمدـ	1994 /1/10	1997/8 / 11	دراسـاتـ عـلـىـ تـأـثـيرـ الرـىـ وـالـمـحـاصـيـلـ السـابـقـهـ عـلـىـ نـمـوـ وـمـحـصـولـ وـجـودـهـ الـبـصـلـ
19	محمدـ اـبرـاهـيمـ خـليلـ	1994/1/10	1998 /7/12	الـاـحـتـيـاجـاتـ الـمـائـىـهـ نـبـاتـاتـ الـكـانـتـلـوبـ تـحـتـ الزـرـاعـهـ الـمـحـمـيـهـ

رقم	اسم الطالب	تاريخ التسجيل	تاريخ المنح	عنوان الرسالة
20	محمد ابو السعود محمد	1994/9/19	1999/1/23	توصيف سلالات الباميا المحلية في مصر
21	ليناس فاروق فهمي	1996/ 9 / 9	2000/1/ 16	توصيف بعض الاصناف المحلية التابعة للعائلة القرعية النامية تحت الظروف المصرية
22	محمد عبد ربه احمد	1998/ 2/18	2001/5/ 21	تأثير تظليل الصوب البلاستيكية على نباتات الخيار
23	احمد عونى احمد فرج	1997 /9/ 15	2001/9/ 23	تأثير التهويه الطبيعية على محصول وجوده ثمار الخيار تحت الصوب البلاستيكية
24	سمير محمود محمد صالح	1997/9/ 15	2002/1/ 21	تأثير لون الغشاء البلاستيكي على نمو انتاجيه الفلفل الحلو
25	طارق فهمي على عبد القوى	1998/2/ 18	2003/2/ 15	تأثير بعض الاسمدة العضوية والمعدنية على نمو نبات وجوده ثمار الخيار تحت الصوب البلاستيكية
26	سعد ابو الحسن عبد العزيز	1999/9/ 20	2003/7/ 27	دراسات على انتاج الكنتالوب عضوياً باستخدام تقنية الفيلم المغذي
27	فاطمه سيد مرسي	2000/9/ 11	2003/8/ 10	دراسات على انتاجيه وجوده الكنتالوب تحت تأثير الرى بالماء المالح
28	سيد حسن احمد السيد	1999/9/ 20	2003/8/ 11	دراسات على انتاج الفراوله باستخدام طرق زراعة بدون تربة
29	اشرف عبد الباسط على	1999/9/ 20	2004/5/ 9	دراسات على انتاج الطماطم والفلفل الحلو والباذنجان باستخدام تقنية الفيلم المغذي الرقيق مقارنه بالزراعه الارضيه تحت الظروف المحميه في شمال سيناء
30	نسرين احمد صبرى محمد	1999/9/20	2004/11/10	دراسات على التكاثر الدقيق فى الطماطم تحت ظروف الإجهاد
31	نهى جابر عبد الرحمن	2000/1/8	2004/11/10	انتاج الكنتالوب باستخدام طرق الزراعه الارضيه المختلفه مقارنه بالتربيه تحت الزراعه المحميه
32	نيفين السيد متولى	2001/9/17	2005/12/17	دراسات على انتاج القرنفل بواسطه تقنيه الزراعه اللا ارضيه تحت ظروف الزراعه المحميه
33	حسين عبده جاد عطاءى	2002/2/ 13	2006/9/ 17	انتاج الخيار فى منطقة الشلاتين با ستخدام تقنيات مختلفه من الزراعه بدون تربه
34	فضل عبد الحميد هاشم	2004/9/ 6	2007/6/ 26	دراسه على الاحتياجات المائية والتسميد النتروجيني للخيار تحت الزراعه المحميه
35	نعمه محمد التهامى	2004/9/ 6	2007/10/ 3	تقيم بعض اصناف البطاطس المدخله حديثا تحت الظروف المصريه
36	شيماء احمد عبد الفتاح	2002/9/ 16	2007/11/18	دراسات على انتاج الجربيرا باستخدام مزارع البيانات تحت ظروف الزراعه المحميه
37	مروه ابراهيم محمد	2002/9/ 16	2008/4/ 26	دراسات على انتاج الجاردنينا باستخدام مزارع البيانات تحت ظروف الزراعه المحميه
38	هدى احمد ابراهيم	2004/9/ 6	2008 /7/ 9	تحسين انتاجيه وجوده محصول الفاصولياء الخضراء باستخدام بعض المعاملات السماديه
39	سامح محمد محمد الصاوي	2004/9/6	2009/5/ 21	تحسين فاعليه بعض المبيدات الحيويه البكتيريه للنيماتودا باستخدام الهنديه الوراثيه
40	ذكريا محى محمود (ماجستير المناطق القاحله)	2008/10/13	2012/11/18	زيادة جوده ثمار الكنتالوب النامية فى تقنيه الفيلم المغذي

رقم	اسم الطالب	تاريخ التسجيل	تاريخ المنح	عنوان الرسالة
41	منى يونس (علوم عين شمس)	2005	2008/9	استخدام الاستشعار من بعد ونظم المعلومات الجغرافية في حساب الوحدات الحرارية المتجمعة لأهم آفات القطن الحشرية في مصر
42	ابراهيم حسين عثمان	2006/2/6	2010/12/6	إنتاج تقاوي البطاطس بإستخدام التقاوي الصغيرة
43	ليناس نبيل محمد	2006/2/6	2010/3/7	تأثير الحديد والمنجنيز على نتاجية وجودة الفراولة المنزرعة في نظام الزراعة المائية

## رسائل ماجستير تحت الدراسة

رقم	اسم الطالب	تاريخ التسجيل	عنوان الرسالة
1	محمد فاروق فهمي مصطفى	2012/10/15	دراسات على جدولة مياه الري لبساتين الزيتون في المناطق الصحراوية بناء على البيانات المناخية
2	عبد العاطي محمد عبد العاطي	2012/10/15	دراسات على تسميد والري لمحصول الموا良 في المناطق الصحراوية وتاثيره بالظروف المناخية
3	فتيبة خالد الاقرع	2014/6/14	مقارنة تأثير استخدام الأسمدة العضوية المختلفة على انتاجية محصول الخيار في الزراعة الالارضية
4	امانى عبد العزيز عبد المقصود	2013/2/11	تقدير الفاقد من المياه بالبخروالبخر نتج من الشاش المائية
5	اشرف سعد جودة ابراهيم	2013/2/11	تأثير ادارة مياه الري ورش السليكون على تجنب اضرار البرودة وتحسين المحصول في بعض اصناف المانجو
6	طعمة احمد موسى	2013/10/24	تقدير معامل النمو المحصولى لنبات القفاس تحت ظروف منطقة دلتا النيل
7	مصطفى محمد عبد الوهاب	2014/4/9	اثر التغيرات المناخية على الاحتياجات المائية وانتاجية محصول البطاطس
8	امانى فاروق عبد الحميد	2014/4/9	تنبيع الخصائص الاسبكتروسโคبيت للمراحل الفسيولوجية المختلفة لبعض اصناف الزيتون وعلاقتها بالانتاجية

## رسائل الدكتوراه

رقم	اسم الطالب	تاريخ التسجيل	تاريخ المنح	عنوان الرسالة
1	محاسن على عبده منياري (اليمن)	1987/10/12	1991/9/11	الاستجابة الفسيولوجية للجفاف البعض اصناف الطماطم المحلية والمستوردة
2	يمني ابراهيم حسانين حلى	1987 / 2 / 9	1992/6/ 29	دراسات فسيولوجية على الاقلمه للملوحة في بعض محاصيل الخضر
3	ابو الفتاح محمد عبدالله يوسف	1990 / 1 / 8	1993/12/25	دراسات فسيولوجية على انتاج وجوده بذور الخيار
4	محمد محمود عيسى (معهد البيئة- عين شمس)	1992	1994/9/18	نوات الموسم البارد علي شمال مصر و تأثيرها على تنمية الصحراء
4	سمير رجب احمد	1991/10/14	1996 / 1 / 1	دراسات على نمو محصول الطماطم تحت بعض نظم الزراعه الحديثه
5	محمود عبد الله محمد مدنى	1992/9/21	1997/1 / 22	دراسات على نماذج نمو الخيار
6	منال محمود مرسي الطنطاوى	1994 / 1 / 3	1997/4/24	الاستجابة النباتيه للعوامل المناخية كدلاطه للتبيؤ بالبخار تحت بعض محاصيل الخضر
7	محمد زكي السيد الشناوى	1993/9/20	1997/9/22	استجابة نباتات الخيار للري تحت بعض الظروف البيئية
8	احمد عبد النبي احمد	1995/1 / 9	1999/11/23	دراسات فسيولوجيه على تكوين درنات البطاطس تحت ظروف الاجهاد البيئي
9	اسماء رضا محمود يوسف	1995/1/9	2000 / 1/27	تأثير بعض المعاملات الزراعيه على انتاجيه وجوده يصل
10	واهل عبد القادر حسين	1996/2/12	2000/3/26	دراسات على انتاجيه نباتات الفاصوليا تحت ظروف الاجهاد البيئي
11	محمود محمد حامد عبد الباقى	1995 / 1 / 9	2000/8/ 21	تأثير انتاجيه بعض محاصيل الخضر بنظام التحميل
12	ماجد عبد العزيز ابراهيم	1998/2/18	2002/8/4	دراسات على الاحتياجات المائية والنيتروجينيه لنباتات الفاصوليا
13	داليا محمد عبد السلام	2001 / 1 / 8	2004/11/10	دراسات على الطاقة المستخدمة لانتاج البطاطس والفلفل الحلو المنتج عضوي
14	ايمان كمال ابراهيم	1998 / 9/21	2005/1 / 13	دراسات على استخدام الزراعه بدون تربه لانتاج ازهار الكريز انثيم
15	محمد عبد ربه احمد عبد ربه	2002/2/13	2005/8/2	ادارة التسميد مع الري لنباتات الخيار تحت الصوب البلاستيكية
16	محمد ابو السعود محمد	1999/9/20	2005/8/ 24	دراسات على انتاج الخيار باستخدام نظم الزراعة العضوية الalarضية
17	سمير محمود محمد صالح	2002/9/16	2007/8/7	دراسة تأثير التغيرات المناخية المستقبلية المتوقعة على انتاجية البطاطس في مصر
18	نسرين احمد صبرى	2005 / 9 / 5	2009/9/16	انتاج شتلات الكتالوب باستخدام تقنية زراعة الانسجة
19	ايهام ابراهيم صادق	2003/9 / 1	2009/9/15	تأثير بعض معاملات التنظيل والتقوية على نباتات الطماطم النامية فى مزراع البرليت
20	سعد ابو الحسن عبد العزيز	2004/9/6	2010/4/26	دراسات على استخدام منقوع انواع مختلفة من الكمبوست كمحاليل مغذية لانتاج الكتالوب بتقنية الفليم المغذي
21	سيد حسن احمد	2004 / 9 / 6	2010/4/26	تأثير التوجيه للنظم المكثفة للزراعة بدون تربة على انتاجية وجودة الفراولة
22	طارق فهمي على عبد القوى	2004/9 / 6	2010/5 / 30	دراسات على استخدام المخالفات العضوية لزيادة كفاءة التعقيم الشمسي لانتاج الفراولة

رقم	اسم الطالب	تاريخ التسجيل	تاريخ المنح	عنوان الرسالة
23	احمد محمد محمد الطناحي	2005/9/5	2010/5/30	دراسات على استخدام النظم المختلفة للزراعة بدون تربة على انتاجية وجودة ثمار الكتالوب
24	نفين السيد متولى	2006/9/11	2010/6/ 29	دراسات على انتاج القرنفل باستخدام نظم زراعة بدون تربة مختلفة
25	فاطمة سيد مرعى	2004/9/ 6	2010/6/ 29	تأثير التطليل والملوحة والتاقح البكتيري على انتاجية وجودة الفلفل الحلو تحت ظروف الزراعة المحمية
26	ذكريا يحيى محمود	2008/10/13	2013/11/18	زيادة جودة ثمار الكتالوب النامية في تقنية الفيلم المغذي
27	عبد الرؤوف مسعود على	2012/10	2014/11	استخدام تقنيات الاستشعار من البعد ونظم المعلومات الجغرافية في رصد مساحة وانتاجية بعض المحاصيل الحقلية

## رسائل دكتوراه تحت الدراسة

رقم	اسم الطالب	تاريخ التسجيل	عنوان الرسالة
1	محمود محمد احمد المليج	2012/3/18	تأثير الرى بمياه ملوثة صناعيا على نظام التربة والمحاصيل الزراعية في منطقة الدلتا
2	هناه على عبد الرحمن	2012/3/8	تأثير انواع السماد المختلفة على نمو وانتاجية وجودة محصول البروكلى
3	السيد محمد امين	2013/2/11	تأثير ادارة مياه الرى ورش منظمات النمو على استيفاء احتياجات البرودة لأشجار الزيتون
4	باسم لطفي سلامة	2013/2/11	تأثير طرز القيم وتغطية التربة على انتاجية وجودة المانجو الكيت في الاراضى حديثة الاستصلاح
5	احمد السيد حمزه عثمان	2015/10/15	تأثير بعض معاملات التسميد العضوي علي نمو وانتاجيه بعض اصناف الحرنكس
6	فاطمة الطوخى	2013/10/12	تأثير بعض المركبات العضوية المعدنية على نباتات الطماطم تحت ظروف الرى بالماء المالح
7	كافح ذكرييا محمود محمد	فبراير 2015	تأثير التغيرات المناخية علي صحة وانتاج نباتات البطاطس تحت الظروف البيئية المصرية
8	محمد حسن خليل حسن	فبراير 2015	استجابة بعض أصناف الذرة الشامية لمواعيد الزراعة والتسميد العضوي والتسميد المعدني النانو تحت الظروف الملحوظة بواحة سيبة
9	نجلاء محمود طه سليمان	فبراير 2015	تأثير بعض المواد المضادة للنتح في زهرة الشمس لتوفير ماء الرى وتأثيرها على الانتاجية

## **PERSONAL INFORMATION :**

**Name** : Ayman Farid Abou-Hadid  
**Address** : 5, Said Bahgat Street,  
Heliopolis, Cairo, Egypt.  
**Date & Place of Birth** : December 15th, 1950, Cairo,  
Egypt.  
**Marital Status.** : Married, two daughters and  
one son.  
**Tel. & Fax. (office).** : + (20 2) 44446852, 44441386  
**Mobile** : + (20106) 9999665  
**E-mail.** : [ayman\\_abouhadeed@agr.asu.edu.eg](mailto:ayman_abouhadeed@agr.asu.edu.eg)  
**Personal E mail** : [aabouhadid@yahoo.com](mailto:aabouhadid@yahoo.com)



### **Fields of interest:**

Agricultural and rural Development, Agro climatology environmental stresses, remote sensing, Water/plant/environment relations, Crop water requirements, Irrigation of horticultural crops, Protected cultivation, Soilless culture, Vegetable production, Breeding, Seed production.

### **Education:**

(**Ph.D.**) in Vegetable Crops, Feb. (1984), Faculty of Agriculture, Al-Azhar University, Cairo, Egypt. Research conducted in Botany Dept. UCW, Aberystwyth, UK, through a British Council fellowship.  
(**M.Sc.**) in Horticulture, June (1978), Faculty of Agriculture, Al-Azhar University, Cairo, Egypt.  
(**B.Sc.**) in Horticulture, June (1973), Faculty of Agriculture, Cairo University, Egypt.

### **Employment:**

**Emeritus Professor**, Arid Lands Agricultural Studies and Research Institute, Faculty of Agriculture, Ain Shams University, Cairo, Egypt since 2010.

### **Past employment:**

**Minister of Agriculture and Land Reclamation, Egypt** (July 2013- June 2014)

**Minister of Agriculture and Land Reclamation, Egypt** (February 2011- July 2011)

**President, Agricultural Research Center (ARC)**, Ministry of Agriculture and Land reclamation, Giza – Egypt. ( June 2007- February 2011)

**Deputy President** of ARC, (March- June 2007).

**Chairman** of Horticulture Department, Faculty of Agriculture, Ain Shams University,(2005-2007).

**Executive Director** of Egyptian Environment Affairs Agency (EEAA), Ministry of Environment, 02-03.

**Professor** November , 1994- June 2007: Department of Horticulture, Faculty of Agriculture, Ain Shams Univ., P.O. Box 68, 11241 Hadayek Shobra, Cairo, Egypt.

**Assistant Lecturer to Associate Professor**, January, 1984 - November, 1994 , Dept. Hort., Faculty of Agric., Ain- Shams University.

**Assistant Researcher to Assistant Lecturer**, August, 1974, January, 1984, National Research Center, Giza, Egypt.

### **Scientific Society's Memberships:**

Egyptian Society for Horticulture (ESH), International Society for Horticultural Sciences (ISHS), National Geographic Society. National Geographic Society.

### **Awards & Honoring :**

1. Ain Shams University Award for recognition in Agricultural sciences October 2020
2. Medal of Science and Arts First grade- April 2013
3. National Award for Agricultural Sciences, Egyptian Academy for Scientific Research and Technology, 2009.
4. Award of Honor in occasion of the centenary of the Pioneer Festival, the Association of Graduates in 2008, Cairo University.
5. Silver Medal World Food Day celebration and honor contributors to the nutritional and social development in September 2007
6. Award of Honor from the Prime minister of Egypt and the Minister of State for Environmental Affairs on the occasion of World Environment Day 2006.
7. FAO Silver Medal, World Food Day "Water for Life" in 1994.

### **Publications :**

Over 225 articles published in refereed journals and International meetings in the fields of stress physiology, greenhouse management, water use efficiency and irrigation, arid lands management, culture, organic cultivation of horticultural crops, and applications of agro climatic data for crop management.

### **Scientific and Developmental Activities:**

#### **Other activities:**

1. Accomplished 2-day Nile Basin Discourse 2015 Egypt -NDF Members' capacity building on Climate Risk Management (CRM) assignment.
2. The **first chairman** of (North Africa and Sub-Saharan Regions Organization (NASRO), Forum of Agricultural Research in African (FARA), AU, April 2009.2011
3. **Supervisor** of EBIC, "Egyptian Biotechnology Information Center", 2007-2009.
4. **Member** of the Supreme Court of Values, Egypt, 2008-2009

5. **Chairman**, Union of Producers and Exporters of Horticultural crops, Egypt, 2003 – 2005.
6. **Founder** and first Director of the Central Laboratory for Agricultural Climate (CLAC), Agricultural Research Center, Ministry of Agriculture, Egypt July, 1996 to October 2004.
7. **Founder** and first Chairman of the Board, Bosaily's Protected Cultivation Unit, Agricultural Research Center. 1987- 2004.
8. **Established and first director** of the Arid Lands Agricultural studies and Research Institute (ALARI), Faculty of Agriculture, Ain Shams University, Egypt, 2005-2007.
9. **Founder** of the Climate Change Information Center (CCICRE), Agricultural research center 2009 and first director till November 2015.
10. **Elected Chair** of the Commission of Protected Cultivation, ISHS, 1998-2006.
11. **Chairman** of the division of Agricultural Applications, Soil and Marine Sciences, National Authority for Remote Sensing and Space Sciences, Ministry of Scientific Research, Egypt, since October 2004- 2007..
12. **Director**, Arid Land Agriculture Unit (ALARU), Faculty of Agriculture, Ain Shams Univ., 1984- 2007.
13. **Coordinator** of the FAO Working Group for Soilless Culture in The Mediterranean Region (1997- 2006).
14. **Member** of the **Board**, Egyptian Meteorological Authority, Ministry of Transportation, since 1997-2002.
15. **Chairman Elect**, Working Group Protected Cultivation in Mild Winter Climates, International Society for Horticultural Sciences (ISHS). From 1994 to 2000.
16. **Chairman** of the Interim Co-ordinating Committee of the FAO Intergovernmental Consultative Forum on Seed in the Near East and North Africa (CFS-NENA), July 1999.
17. **Rapporteur**, National Committee for Protected Cultivation, Ministry of Agriculture, Egypt (1987-1995).

**Participation in the Administrative, Set-up and Social Committees in the Establishment of new Laboratories:**

1. Established International Master's Degree with Milan University and Ain Shams University (2006).
2. Rapporteur of Agricultural Research and Development Council 2007-2011.
3. Rapporteur and Member of Higher Committee for Climate Change in Agricultural sector since 2007.
4. Chairman of Executive Committee of Climate Change in the Agricultural Sector 2007.
5. Member of the Supreme Committee for the Integrated Management of wetland and biodiversity, ministry of environment, 2007.
6. External member of Agricultural Studies Sector of the supreme Council of Universities, 2008 - 2010.

7. Coordinator of Land and Water Resources and Environment Group in Sustainable Agricultural Development Strategy Towards 2030; to drafting of the Agricultural Strategy and its executive plans since 2008.
8. Member of Genetic Engineering Committee in National Specialized councils since 2007 to date.
9. Member of Committee of Steering the 2<sup>nd</sup> National Comunication project in Egypt since 2007 to date.
10. Chairman of Coordination Committee of model project for field irrigation supported by the Netherlands.
11. Chairman of Coordination Committee of Rural Development in West Nubaria since 2008-2010.
12. Chairman of the committee of perennial trees conservation and maintenance in zoo, agricultural museum and al-orman park, 2008-2010.
13. Supervisor of the two projects: Improvement of motherhood and childhood in Egyptian rural areas and the school nutrition program (2008-2010).
14. Rapportuer of the board of director of Agricultural research and development subsidy fund, 2008 to date.
15. Principal referee for projects presented to Sciences and Technology Development Fund and Technical Consultation Fund for Development in Scientific Research and Technology Academy, 2008 to date.
16. Member of the Working Group to prepare The National Strategy for Adaptation of Climate Change and reduce its risk, Cabinet information Center.

**Scientific school and fields of interest:**

Within his scientific school, about 70 M.Sc. and Ph.D. thesis have been conducted. In addition, about 8 MSc and 9 PhD studies are in progress under his supervision. This scientific school is now spread in different institutes of ARC, Deseret research center (DRC), National research center (NRC) and different Agricultural faculties.

**1. Sustainable agricultural development of natural resources, this included the development of the following areas:**

- Using of mathematical models and computer science to determine the water and fertilizer requirements of crops.
- Prediction of plant pests and diseases according to weather and field conditions.
- Studies for agricultural climate modification in protected cultivation.

**2- Socioeconomic, impacts of good agricultural activities.**

- In the field of water requirements: Due to the scientific effort the saved water can be used to irrigate new land and can contribute to increasing the cultivated area in Egypt.
- Early prediction of Pests: Early predictions of pests rationalize the use chemical pesticides and precautionary measures to reduce the are taken impact of diseases.
- Using computer Science in Agriculture: Determination of the most suitable planting date, water and fertilizer requirements for each crop that was communicated to farmers through the agricultural extension service.

- Protected cultivation: As a result of the Protected cultivation extension, not only the farmer direct incomes increased but also the related flourished industries
- Soilless culture: Due to research in this field, a new alternative to methyl bromide (That is highly harmful to the environment) is now used.
- Using of applied information technology and communication in different fields of agricultural applications and Climate Change.
  
- **Coordination of the On Farm Water Management National Program**, this program aims to develop different irrigation systems in the Valley and Delta (about 5 millions Feddans). Its estimated cost is LE 150 bn and a total returns of LE 180 bn.  
This program aims at raising the efficiency of the water use from 45% to 85% and as a result, about 13 BCM will be saved and used for reclamation of 3 million feddans in new lands and 0.5 million feddans in the old lands.  
Many international donors agencies including and World Bank and the funds for global development are participating in this project.  
It began in 2007 and continues until 2017 in cooperation with the Ministry of Irrigation and Water Resources.

### **Participation in Scientific Organizations and Associations & Development Projects:**

Throughout his career, he participated in the following boards:

- Accomplished 2-day Nile Basin Discourse 2015 Egypt -NDF Members' capacity building on Climate Risk Management (CRM) assignment.
- President of the North Africa Sub-Regional Organization (NASRO);
- Vice President Of Association of Agricultural Research Institution in the Near East and North Africa(AARINENA);
- Representative of North Africa at Forum for Agricultural Research in Africa (FARA);
- Board-member, Desert Research Center;
- Board-member, National Water Research Center;
- Board-member, Academy of Scientific Research and Technology (ASRT) ;
- Board member of the Research Center for Energy and Environment;
- Chairman, Egyptian National Agricultural Library;
- Chairman-board of trustees, Agriculture Sector Development Project (ASDP) and Rapporteur Agricultural Research and Development Council;
- Chairman-board of trustees, Project of Cooperation in Rural Financial & Investment Sector;
- Member, Agricultural Sciences, Food and irrigation Council, Academy of Scientific Research and Technology (ASRT) ;
- Board-member, Remote Sensing Authority;
- Member of the Supreme Council of Universities, and Committee for Agricultural Studies Sector;
- Board-member, Faculty of Agriculture, Ain Shams University;

- Board-member, Faculty of Agriculture, Zagazig University;
- Board-member, Faculty of Agriculture, Fayoum;
- Member, Plant Production Division, Academy of Scientific Research and Technology;
- Member, Advisory Committee for Climate Change, Ministry of State of Environmental Affairs;
- Member, Pesticides Advisory Committee, Ministry of Agriculture
- Member, Coordinating Committee, Development Themes Program at Housing & Construction Research Center
- Editor Egyptian horticultural Journal.
- Head, Protected cultivation Section, International Society for Horticultural Science, (ISHS) –Belgium, involving many international scientific figures (1998-2006).
- Chairman, Soilless Culture Working Group, Plant Production and Nutrition Section/FAO (1998-todate).
- Chairman, On-Farm Water Management Working Group- AARINENA.
- Rapporteur and Chairman, of various International Conferences. Assisted in publishing two issues of International Horticulture Magazine (ACTA Horticulture).
- Consultant, FAO and ICARDA.
- Member of the Values Tribunal, 2008 to date.
- Member Genetic Engineering Committee, National Specialized Councils,
- Member, Egyptian Geographical Society
- Member, Egyptian Horticultural Society
- Member, International Society for Horticultural Science and representative of Egypt at its Board of Directors.
- Chairman, Higher Committee of the On-Farm Irrigation Improvement Project.
- Chairman, National Committee for Monitoring Tomato Leaf Miner.
- Chairman, Higher Committee for Biological Control and Organic Agriculture.

#### **International Cooperation:**

- Principal investigator in various national, regional and international Projects, funded by scientific national and international donor organizations. He designed and implemented joint project with researchers from :( Sweden, Norway, Holland, Spain, France, Italy, Germany, UK, USA, Greece, Turkey, Syria, Jordan, Lebanon, Tunisia, Morocco, .... etc).

#### **Research Projects:**

- National Coordinator of the Integrated Study Project, IGN France International, 2007 to date.
- Director of Intensive & Protected Cultivation Systems, Agricultural Research Center (ARC), 2002-2007.
- Coordinator, ECOPONIC Project funded by the EU, in Collaboration with Turkey Morocco, Jordan, Germany and Egypt.

- National Coordinator of the project of Emission Control and Management of Risks resulting from Climate change in North Africa, in collaboration with: Egypt, Tunisia, Morocco and Spain, funded by United Nation Development Program (UNDP), 2002-2006.
- Head of the Coordinating Committee of the project "Monitoring of Climate Change Risk Impacts on Sea Level Rise on Groundwater and Agriculture in the Nile Delta", August 2010.
- **Principal investigator**, ECOPONIC, EU INCO (Turkey, Morocco, Jordan, Egypt, Germany), 2003.
- **Coordinator**, Assessment of Impact and Vulnerability to Climate Change in North Africa (Egypt, Tunisia, Morocco, Spain), AIACC-AF90, UNEP, since July 2002.
- **Chairman** of the board of the network in Expert Consultation Meeting for Establishment of Water Use Efficiency (WUE) Network, AARINENA in collaboration with ICARDA and GFAR, 27 November, 2006.
- **Project director**, Intensive Agriculture and Protected Cultivation, Ag Research Center. Since 2002.
- **Principal Investigator**, FAO TCP project (Green Food from Green Roofs), 2001-2004
- **Principal investigator**, HORTIMED – ICA3-1999-10027 INCO\_MED project. EU, 1999, 2004.
- **National Project Manager**, UNDP-FAO-EGY/95/002 "Protected Cultivation "Phase II" 1995-2002.
- **Project Director**, The Establishment of Agricultural Weather Data Base, Ministry of Agriculture, Egypt, financed through a French grant. 1999 - 2003.
- **National project manager** for UNDP-FAO-EGY/86/014 Protected Cultivation from 1987 to 1995.
- **Project Director**, on-Job-Training of young graduates on protected cultivation, Ministry of Agriculture and financed by French grant (1994-1998).
- **Principal investigator** of the Desert greenhouse research project, Cooperative arid land research program CALAR2 financed by US-AID from 1989 to 1995.
- **Researcher**, cooperative arid land research program CALAR1 (US-AID), Salinity Activity from 1981 to 1989.
- **Principal Investigator** for IFS grants No C/0913 on "Vegetable Production under Modified Climate in Arid Zones" from 1985 to 1987.
- **Member** of research team of (EGNO) project financed by NORAD, Norway and executed by the Department of Horticulture, Faculty of Agric., Ain Shams University-Cairo, and Egypt from 1979 to 1983.
- **Coordinator** on Farm Water Management Activity, Agricultural Technology Utilization and Transfer (ATUT) US-AID-Egypt Project. 1997 - 2001.
- **Coordinator**, FAO Working Group of Protected Cultivation in the Mediterranean Region 1995- 1997.

## **Local & International Meetings, Training Programs, Workshops and Conferences:**

1. One year study leave granted by the British Council in the Dept. of Botany and Microbiology, University College of Wales, Aberystwyth, UK. (September 1981- September 1982).
2. Five week condensed course on "On Farm Water Management" in the International Irrigation Center, Utah State University, Logan, Utah, USA. (August-September, 1983).
3. Six month training program in Norway, Dept. of Vegetable Crops, Agricultural University of Norway, including green house vegetable production and computer programming, granted by EGNO-NORAD (April-September, 1984).
4. The British Council Course 543 on Modern Techniques of Soilless Culture, Brighton/York, U.K. (7-19 July, 1985).
5. Three month research grant by the British Council Tomato Linkage program. Studies on soilless culture for tomato production were carried out in the Department of Horticulture, Wyse College, University of London, UK (July-September, 1986).
6. Supervised a group training program for two weeks about protected cultivation in California, USA (October 1987) granted by the Third Educational Program as nominated by the Ministry of Agriculture, Egypt.
7. Supervised a group training program for one month in England, Holland and France granted by the Third Educational Program USAID, Egypt (March 1988) as nominated by the Ministry of Agriculture, Egypt.
8. Attended a course on computer as a tool for pest management at Silwood, University of London from 10 to 29 September 1989.
9. Two-week visit to protected cultivation farms, nurseries and research institutes in Northern and Southern Italy, 1990.
10. One week in Thailand to visit fruit trees nurseries and research institutes for fruits and vegetables, August 1990.
11. Ten days visit to the glasshouse farms and research institutes in Holland 11-20 July 1992.
12. Ten days visit to glasshouse farms and research organization in Belgium, October, 1994.
13. 10 days visit to Ohio , supervising a Ph.D. student , 1995
14. Twenty days visit to France, Holland, Germany and England to investigate production systems, quality and marketing of Horticultural crops, 1995.
15. Network system administration / webmaster training. Mediterranean Agronomic Institute at Chania (Greece). 11 to 15 September, 2000.

16. The I.P.G.S.A. "11th International Conference on Plant Growth Substances", Aberystwyth, Wales, UK. 12-16, July 1982.
17. "The First African Conference on the Use of Plastic in Agriculture", Alexandria, Egypt, Oct.-Nov 1984.
18. The I.S.H.S. "International Conference on Tomato Production in Arid Land", Cairo, December 1984.
19. The I.S.H.S. Symposium on "Desert Vegetable Production" held in Tucson, Arizona, USA. October 1985.
20. Conference on "Arid Lands: Today and Tomorrow" held in Tucson, Arizona, USA. 20-25 October 1985.
21. The I.S.H.S. Symposium on protected cultivation of Solanaceae held in Algarve, Portugal (December, 1985).
22. The XXII International Horticultural Congress", University of California, Davis, USA (11-20 August, 1986).
23. The "Tomato Biotechnology Symposium" held in the University of California, Davis, USA, (21-24 August, 1986).
24. The "Second International Conference on Desert Development Systems" held in Cairo, Egypt and hosted by the Government of Egypt. January 25-31, 1987.
25. "The IFS Symposium on Agricultural Techniques to Improve Food Production in Africa", held in Niami, Niger. 9-14 March 1987.
26. "Workshop on Advances in Agriculture through Plastic House Technology", held in Amman, Jordan. 16-18 March, 1987.
27. The IFS Symposium on "Production of Vegetable Crops" held in Tunis, Tunisia. August 1987.
28. Briefing for the post of National Director of Protected Cultivation Project in FAO Head Quarter-Rome, September 1987.
29. National Project Director Seminar, FAO, HQ-Rome, Italy. 4-5 December 1989.
30. "2nd International Symposium on Protected Cultivation of Vegetables in Mild Winter Climate" held in Crete, Greece. From 29 October to 5 November 1989.
31. Attended the "International Irrigation Conference" held in Anaheim-California, USA. From November 10 to 20 1989 in.
32. "International Congress on the Use of Plastic in Agriculture" held in Delhi, India. From 26 Feb. to 2 March 1990.
33. "Third International Conference on Desert Development". Beijing, China. 23-28 July 1990.
34. "XXIII rd International Horticultural Congress" Florence, Italy. August 30, 1990.

35. International Symposium on “Plant Biotechnology and Contribution to Plant Development Multiplication and Improvement” Palexop, Geneva, Switzerland. 19-20 April 1991.
36. INRA International Workshop on “Greenhouse Crop Models”, Castle of Saumane Vaucluse, France, 22-29 August 1991.
37. International Symposium on “Strategies for Utilizing Salt Affected Lands”. Bangkok, Thailand. 17-25 February 1992.
38. ISHS Symposium on “Soil and Soilless Media under Protected Cultivation in Mild Winter Climates”. Cairo, Egypt. March 1-6, 1992,
39. International Symposium on “Transplant Production Systems”. Yokohama, Japan. 21-26 July, 1992.
40. 2nd ISHS Symposium on “Protected Cultivation of Solanaceae in Mild Winter Climates”, Adana – Turkey. April 13-16, 1993.
41. ISHS International Symposium on “New Cultivation Systems in Greenhouse”, Cagliari, Italy. 26- 30 April 1993.
42. IDDC fourth International Conference on “Desert Development, Sustainable Development for Our Common Future”, Mexico City. July 25-30, 1993.
43. “Regional consultative meeting on Greenhouse Crop Production in the Mediterranean Region.” Agadir, Morocco. 15-17 Nov., 1993.
44. “XXIV International Horticultural Congress”, Kyoto, Japan. August 21-27, 1994.
45. International Conference on "Land & Water Resources Management in the Mediterranean Region", C.I.H.E.A.M., Bari, Italy - Sept. 4-8, 1994.
46. International Symposium on “Salt Affected Lagoon Ecosystems”, International Soil Society, sub-commission of salt-affected soils, Valencia, Spain 18-25 September 1995.
47. Briefing for FAO consultancy mission on protected cultivation, FAO Head Quarter, Rome, 1995.
48. International Symposium on “Desert Development”, Texas, USA, 12-17 August 1996.
49. EU INCO DC. Steering Committee Meeting “Optimizing Marginal Resources in Intensive Horticultural Production in Southern Turkey and Northern Egypt”. Izmir, Turkey, Nov. 1996.
50. ISHS Executive Committee, Council and Joint Executive Committee - Council Meetings – Auckland, New Zealand. 20-21. Feb, 1997.
51. Workshop on the “Middle East and Mediterranean Desert Development Program for Combating Desertification through Sustainable Desert Development” San Diego, USA March 9-12, 1997.
52. INCO-DC Seminar on Greenhouse Crop Modeling, held in the Institute National de le Recherché Agronomique” (INRA), Avignon, France. From 7-10 April, 1997.

53. A scientific visit to “Instituto Valenciano de Investigaciones Agrarias” (IVIA), Valencia, Spain. From 11-14 April, 1997.
54. Consultation technical support for integrated pest and production management under greenhouses, Agadyeer, Morocco, 6-9 May 1997.
55. “Workshop on Endogenous Systems for Water Harvesting in West Asia and North Africa Region”. Amman, Jordan 12-16 July 1997.
56. ISHS symposium on “Greenhouse Management for Better Yield and Quality in Mild Winter Climates”. Antalya, Turkey, November 3- 5, 1997.
57. International Workshop on “Protected cultivation in the Arab Peninsula”. Doha, Qatar, 15- 18 February, 1998.
58. International Congress for Horticultural Research, Italy, 17-19 June 1998
59. “XXV International Horticultural Congress” Brussels, Belgium. 1-7 August 1998.
60. “Agricultural Engineering Conference Ag Eng Oslo.” Oslo, Norway. September 1998.
61. “International Horticultural Exhibition, NTV” RAI, Amsterdam, Holland. October 1998
62. Preparation meeting for Development of Water Use Efficiency in Arid Lands Cultivation, Arizona and San Diego, USA, 14-22 November 1998
63. “International Workshop for the Use of Phosphate”, Amman, Jordan. 25-27 April 1999.
64. Supervising the “ICARDA training course for Protected Cultivation”, Qatar. 2-5 May 1999.
65. Workshop on “The Effect of Regional Development for Eastern South Antalya in the Main Strategy of Agricultural Research”, Turkey, 13-15 May 1999.
66. Steering Committee Meeting for the Arab Peninsula Regional Program, ICARDA, Oman, 16-17 June 1999.
67. “FAO Technical Consultative Meeting for Seed Policies and Programs in Near East and North Africa”. Larnaca, Cyprus, 27 June - 2 July 1999.
68. Regional workshop on “The Encouragement of the Use of Agro Climatic Data in Irrigation Water Management”. Arab Organization for Agricultural Development, Damascus, Syria, 11-14 July 1999.
69. Council and Board meeting of the International Society for Horticultural Sciences. Toronto, Canada, 1-4 August 1999.
70. Preparation meeting for “Desert Development for Middle East and Mediterranean Country Program”, Amman, Jordan, 17-18 August 1999.
71. Sixth International Conference on The Development of Dry Lands “Desert Development; Challenges Beyond The Year 2000”, Cairo, Egypt. August 22-27 1999.

72. ISHS "International Symposium for Substrates and Hydroponics", Chalkidiki, Thessaloniki, Greece, 31 August- 6 September, 1999.
73. "International Horticultural Exhibition, NTV"RAI, Amsterdam, Holland. 2-6 Nov. 1999.
74. "International Conference for the Management of Water Resources in Dry Areas." ICARDA, Amman, Jordan, 1-3 December 1999.
75. "The Third Coordinating Meeting for FAO Regional Working Group for Green House Crops in the Mediterranean Region". Katania, Italy, 16-18 December, 1999.
76. International Symposium on "Protected Cultivation in Mild Winter Climates: Current Trends for Sustainable Technologies". Cartagena, Almeria, Spain, 7-11 March 2000.
77. "The International Agricultural Exhibition", Thessaloniki, Greece. 26 Jan.- 6 Feb, 2000.
78. Regional Training Course on "The Use of Agro Climatic Data in Irrigation Water Management". Arab Organization for Agricultural Development, Damascus, Syria, 19-24 February, 2000.
79. "Project formulation Mission for the Regional Program for Desert Development", (sponsored by San Diego State University Foundation- US AID) Amman, Jordan 25-28 March 2000.
80. "First Meeting for the Interim Coordination Committee of the FAO Intergovernmental Consultative Forum on Seed in the Near East and North Africa (CFS-NENA)", Cairo Egypt, 11-14 April, 2000.
81. Steering Committee for the Regional Project of the Intensive Agriculture in Northern Egypt and Southern Turkey. Wye Collage, London University, UK 24-26 May 2000.
82. "Agriculture Engineering Conference Ag Eng 2000" Warwick, UK. 2-7 July 2000,
83. Arabian strategy Symposium for Increasing Agricultural Production and Environment Protection, Syria, 2-3 September 2000
84. Climate Change presentation organized by CHIEAM, Zaragouza, Spain, 25-29 September 2000.
85. The second Balkan symposium for Vegetable and Potato, organized by Agricultural Research Center, Thessaloniki, Greece, 11-15 October 2000
86. Invited speaker to the FAO headquarter to present a seminar on the Utilization of Information Technologies in Modern Agriculture, presentation organized by FAO, Rome, Italy, 11-13 December 2000
87. Preparation of a document for regional project on "Desert Development for Middle East and Mediterranean Countries Program" in cooperation with San Diego University, Cyprus 9-10 January 2001.
88. Study tour to visit the organic farms, Turkey, 14-22 January 2001.

89. International work shop on seed production in the near east an north Africa region, organized by FAO, Cyprus 29 March-2 April 2001.
90. Utilization of Meteorological News Data in Agriculture for Mediterranean Countries, advanced workshop organized by the C.I.H.E.A.M Institute, Zaragouza, Spain, 2-3 April 2001
91. International Soilless Culture Congress, Singapore, 28-31 May 2001
92. Supervised a group training course on using of agricultural weather stations in agricultural applications (Pulsonic) Paris, France, 19-25 June 2001.
93. Steering committee of the HORTIMED project, Pisa Italy, 20-23 September 2001.
94. Steering Committee of the ICARDA Arab Peninsula Research Program on Protected cultivation. Kuwait, 30 September- 4 October 2001.
95. Attended the International Symposium on organic agriculture. Morocco, 7-10 October 2001.
96. Attended the ISHS Board and executive committee meeting, Antalia, Turkey, 3-9 November 2001.
97. Attended the FAO regional working group meeting on Greenhouse Crop Production in The Mediterranean Region, Beirut, Lebanon, 3-7 February 2002.
98. Attended the UNEP meeting for the Assessment of Impacts and Adaptation to Climate Change,( AIACC) Project Implementers, Nairobi, Kenya 11-15 February 2002.
99. ISHS symposium on protected cultivation in mild winter climate, Ragosa, Italy, 5-8 March 2002.
100. Visited to Van Humboldt university , Berlin, Germany, as an external referee for a Ph D thesis, 10-12 April, 2002.
101. Attended the Regional workshop on Climate Changes, Alger, Algeria, 14-18 April 2002.
102. Attended the steering committee meeting of the UNEP-AIACC regional project for Climate changes, Tunis, Tunisia, 19-24 April 2002.
103. Attended the African workshop on Climate changes, AIACC-UNEP project, Johannesburg, South Africa, 10-13 March 2003.
104. Attended McFruit International Fair and workshop on: Development of the partnership in the agricultural sector between the EU Countries and the Mediterranean Partners, Italy, 8-11 May, 2003.
105. Attended the Royal Agricultural Show, London, UK, 29 June-2 July 2003.
106. Annual meeting for the EUROGAP , Madrid, Spain, 10-12 September 2003.
107. Attended the IAC workshop on the new European accessions EU25, Amsterdam, Holland, 16-18 September, 2003.

108. Attended the regional Coordinating meeting for the FAO Working Group of protected cultivation, Cyprus, 9-11 November, 2003
109. Attending the steering committee meeting of the ICARDA Arab peninsula project on water management, Aleppo, Syria, 7-9 December 2003.
110. Invited to visit Van Humboldt University, Berlin, Germany, as an external referee for a Ph D thesis, 21-25 January 2004.
111. Visited the international Agricultural exhibition SIFL, Agen, France, 5-11 March 2004.
112. Livestock Development horizons Conference, Agricultural Genetic Engineering Research Institute (AGERI), Egypt, Dec., 2007.
113. Attended the preliminary meeting of the committee of the International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM), Madrid, 17 December 2007.
114. Attended the official meeting of GFAR, and the annual meeting of the Consultative Group on International Agricultural Research, 26 November- 7 December 2007.
115. Attended the 7<sup>th</sup> general annual meeting of the consultative Group on International Agricultural Research (CGIAR), Beijing, 3-7 December 2007.
116. Attended the meeting of the Committee of the International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM), Paris, 10-11 December 2007.
117. Attended the 8<sup>th</sup> general annual meeting of the Consultative Group on International Agricultural Research (CGIAR), Rome, 27 -31 August 2007.
118. Participated in the 2<sup>nd</sup> International Forum for Agricultural Science and Technology Leaders, Beijing, 18-19 October 2007.
119. Attended workshop "Oasis Pre-Proposal Workshop" through Challenge program, Montpelier- France, 20-22/8/2007
120. Visited Syria for joint meeting with Syrian officials to identify Syrian experience in the field of "Agricultural Investment and Transforming the Traditional Irrigation Methods to Modern Irrigation Methods, 7-8 June 2008.
121. Horticulture Conference, AGERI, April. 2008.
122. The 6<sup>th</sup> Conference of the Agricultural Economics Research Institute, under the pivotal theme " The Egyptian Agriculture: Present & Future ". Egypt, April, 2008.
123. Workshop on "Problems of White Ants in Egypt ", Plant Protection Research Institute, March, 2008.
124. Conference on "Utilizing Biotechnologies in Addressing Environmental Changes", PPRI, Feb., 2008.
125. The 1<sup>st</sup> International Conference on " Healthy Food: Vision and Future Horizons ", Food Technology Research Institute, Oct., 2008.
126. The 2<sup>nd</sup> International Conference on "Fish Sustainable Development ", Central Laboratory for Aquaculture Research, Jan., 2008.
127. Symposium on Nanotechnology applications in Agriculture, CLFF, Jan., 2008.
128. Organic Agriculture Conference and Exhibition, Germany, Feb., 2008.

129. The 6<sup>th</sup> International Conference and Exhibition on Organic Agriculture, Central Laboratory of Organic Agriculture, Nasr City's Conference Complex, March, 2008.
130. Workshop on Citrus Production (Euro – Mediterranean Network, HCRI, April 2008).
131. Joint Livestock Production Conference, Animal Production Research Institute, September 2008.
132. The 5<sup>th</sup> Conference of the Arab Society for Socio-economic Agricultural Sciences, Agricultural Extension Research Institute, April 2008.
133. The 8<sup>th</sup> International Conference on The Role of Agricultural Information in Developing Agro-business in the Arab World, Bibliotheca Alexandria, April 2008.
134. The 6th International Conference in Dry land, Bibliotheca Alexandria, November 2008.
135. Conference and Exhibition titled "When President Mubarak promised and fulfilled his promise, held at the HCRI.
136. Attended the 11<sup>th</sup> conference organized by Association of Agricultural Research Institutes in Near East and North Africa (AARINENA) in collaboration with Ministry of Agriculture in Syria and General Commission For Scientific Agricultural Research (GCSAR) , 12-14/10/2008
137. Attended the meeting of the Organization of Economic Cooperation and Development (OECD), to investigate the recommendations of the organization program for the sustainable finance for the preservation of water and services sanitary, Paris, 1-2 December 2008.
138. Attended the meeting of Administrative Change Initiative – CGIR; the headquarter of International Rice Research Institute, Los Pinos, Philippine,7-9 December 2008.
139. Visited Sudanese Agricultural Research Agency, 24-27 August 2008.
140. Attended the 3<sup>rd</sup> meeting of governance working group, CGIAR, Brussels, 12-14/7/2008.
141. Attended the 1<sup>st</sup> meeting of the scientific net in France, an invitation from Agricultural Research Center in France (INRA and CIRAD), 3 June 2008.
142. Attended the high level conference of Food and Agriculture Organization (FAO), 2-5/6/2008.
143. Attended the Mediterranean Study Day, France, 9/6/2008.
144. Attended 119<sup>th</sup> Meeting of the Board of Director of the International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM), Paris, 6 June 2008.
145. Attended 14<sup>th</sup> meeting of the executive council of CGIAR, Ottawa, 11-14 May 2008.
146. Visited India for enhancing the bilateral cooperation between the two countries in the field of agriculture and recognize the Indian experience in different activities related to agriculture sector, 15-17 April 2008.
147. Attended the 1<sup>st</sup> meeting of scientific committee of Food Control Agency, Abou Dhabi, 5-6 April 2008.

148. Attended "Oasis Writing Group" workshop, Bon, 12-14 March 2008.
149. Attended the special meeting for discussing the administrative change process at CGIR, Washington, 26-27 February 2008.
150. Attended the 1<sup>st</sup> meeting of the joint Egyptian Italian working group, Rome, 20-22 January 2008.
151. Attended the 1<sup>st</sup> conference in the field of Protected cultivation; "Sustainable Strategy for Protected cultivation in Moderate Climate Area", Antalia 2008.
152. Attended the meetings of the executive committee and the board of director of the International Horticulture Association, Agadir, Morocco, 13-14 April 2008.
153. Attended the meeting organized by Arabic Center for Studding Arid and Dry Areas (ACSAD), in cooperation with German Technical Cooperation Agency (GTZ) for Developing International Climate Adaptation Strategy, 22-23 January 2008.
154. Visited Brussels, Belgium, for meeting with decision makers at European Union to discuss the conditional subsidy that applied in EU countries to prepare an agreement concerning carrying out phrasing policies project for promising rural areas in Egypt through EU subsidy 2008.
155. Member of the delegation participating in the Ministerial Preparatory Meeting of the Joint Egyptian Tunisian Higher Commission held in Tunisia, 19-25/10/2008.
156. Attended ARIMNET Meeting, Montpellier, France, 4-5 Nov. 2008.
157. Attended the coordinating committee meeting of GI@MED Project, Greece, 30 Nov. - 1 Dec. 2009.
158. Attended the 122<sup>nd</sup> Meeting of CIHEAM, Paris France, 17 - 19 Dec. 2009.
159. Attended of the 7th Meeting of Scientific Committee Abu-Dhabi. United Arab of Emirates, 6 - 7 Dec. 2009.
160. Attended of the Annual meeting of the Arabian Forum for Environment and Development, Lebanon, 19 - 20 Nov. 2009.
161. Attended the IFAD meeting, Rome, Italy, 11 - 13 Nov. 2009.
162. Attended the 120<sup>th</sup> meeting of CIHEAM Montpellier, France 21 - 24 January 2009.
163. Visited Brazil with the Egyptian delegation, 30 Sep. - 2 Oct. 2009.
164. Visited the Canadian Ministry of Agriculture and related research stations, Canada, 27 Sep. - 3 Oct. 2009.
165. Attended the AARINENA CGARD meeting, Jordan 26 - 28 Aug. 2009.
166. Attended the 42<sup>nd</sup> meeting of Board of Trustees in Malaysia, 29 June - 2 July 2009.
167. Attended the meeting of Working Group of Data and Supporting Scenarios of Climate Change Impact, Tobago- Trinidad, 26-28/2/2008.
168. Attended the meeting of ARIMNET project, France, 4-5 November 2008.
169. Attended the 120<sup>th</sup> meeting of the Board of Director of Governmental Office CIHEAM, France, 21-24 January 2009.
170. Attended the 11<sup>th</sup> meeting of the Scientific Committee of CGIAR, Lima- Peru, 27-30 March 2009.
171. Attended workshop on ABIA initiative, Akra- Ghana, 4-5 June 2009.

172. Attended the Meeting of AARINENA and CGAED to discuss the regional document, Jordan, 26 – 28 August 2009.
173. Visited the Canadian Ministry of Agriculture and its research stations, and Attended the Annual International Forum for Science and Technology, Japan, 27 September - 7 October 2009.
174. Attended the International Symposium on "Nutrition and Food Security in the World", United States of America 7 – 16 October 2009.
175. Member of the Egyptian delegation to visit Peru and Brazil, Head of delegation was The Minister of International Cooperation, 28 September - 2 October 2009.
176. Attended the Annual Conference of Arabian Forum for Environment and Development on "Impact of Climate Change in Arab Region", Lebanon, 19 – 20 November. Presented research titled "Impact of Climate Change on Food Production , 2009."
177. Attended Meeting of the 7<sup>th</sup> scientific committee, Abu Dhabi, 6 -7 December 2009. Appreciation and Honoring
178. Attended the Consultative Meeting of the Stakeholders, Accra, Ghana, 5-6 March 2009.
179. Attended The 5<sup>th</sup> Global Water Forum, Istanbul 16-22, March 2009.
180. Attended ICLARM's Board of Trustees.
181. Attended CIHEAM's Board of Trustees, Paris, 6-7 May 2009.
182. Attended ICARDA Conference on Agricultural Technologies to enhance Food Security in Arid and Dry land in the context of Climate Change, May 2<sup>nd</sup> 2009.
183. Participated in the joint conference of African Ministers of Agriculture, Adis Ababa, Ethiopia, and the preparatory meeting on 20-24 April 2009.
184. Attended the Scientific Committee Meeting of the Food Control Commission, Abu Dhabi, UAE, 9-10 May 2009.
185. Attended the 4<sup>th</sup> Conference, "Climate Change, Energy, Water, Food Security in the Arab Region", Manamah, Kingdom of Bahrain, 6-7 May 2009.
186. Attended ICARDA's Board meeting and its Introductory Day. Also attended AARINENA meeting, Syria April 30-May 3rd 2009.
187. Attended the 27<sup>th</sup> Ordinary Session at WARDA, Lumie, Togo, Sept., 2-3, 2009.
188. Attended the preparation meeting for the eighth Ministerial meeting for the International Center of Advanced Studies in Agricultural Sciences (CIHAEM), Turkey, 12 January 2010.
189. Attended the International Conference of Food Security and Climate Changes in Arid Regions, Jordan, 1 - 4 February 2010.
190. Attended the international workshop on "Fast Growing Economics' Role in Global Agricultural Research for Development, Republic of China, 8 - 10 February 2010.
191. Attended the 1<sup>st</sup> meeting of Fund council of CWANA- CGIAR, Belgium, 24-25 February 2010.
192. Attended the 44<sup>th</sup> meeting of the Worldfish board of trustees, Malaysia, 16-19 March 2010.
193. Attended the 8<sup>th</sup> meeting of Agricultural and fishery Ministers in CIHEAM member countries, Turkey, 8-10 March 2010.

194. Attended the second conference of the development of the agricultural scientific research in the Arab Organization. Tunisia. 18 June 2015
195. Attended the expert Group Meeting of the Food and Agriculture Organization (FAO) with the International Centre for Biosaline (ICBA), held on 13-16 September 2015, United Arab Emirates – Dubai.
196. Attended the workshop on the Impact of Climate Change on the Food Crisis in the Near East region: challenges and opportunities - The Regional Centre on Agrarian Reform and Rural Development for the Near East (CARDNE), held on 18-20 August 2015, Amman - Hashemite Kingdom of Jordan.
197. Attended the the 134th Meeting of The Governing Board of CIHEAM held in Barry – and A visit to “Expo Milano”, held on 24-28 June 2015, Barry, Milano – Italy.
198. Attended the expert Group Meeting On Farming Systems in Africa: Context, Key Issues, Opportunities and Strategic Policy Options organized by ECA Regional Integration and Trade Division (RITD) In conjunction with ICRAF, held on 22-24 July 2015, Nairobi – Kenya.
199. Attended the representative of Egypt before the International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM) in the 11th Meeting of CIHEAM’s Member States’ Ministers, held on 14-15 Abril 2015, Portugal.
200. Attended the expert Group Meeting on the review of a draft report on Population and Development - Publication No. (7): Overcoming the Exposure of the Population to Water Scarcity in the Arab Region, held on 31 March to 2 Abril 2015, Lebanon.

#### **Lists of Inventions:**

Supervision numerous programs involving inventions, those included:

- IRRI\_CLAC\_Grape
- IRRI\_CLAC\_Cantaloupe
- IRRI\_CLAC\_potato
- IRRI\_CLAC\_Green beans

In the field of fertilizers requirements based on agricultural meteorological data, these performance included:

- FERTI\_CLAC\_Grape
- FERTI\_CLAC\_Cantaloupe
- FERTI\_CLAC\_potato
- FERTI\_CLAC\_Green beans
- FERTI\_CLAC\_Garlic

In the field of indentifying the on farm water requirement pipe diameters suitable filters and pumps, the program is:

- CLAC\_DESIGN

In the field of agricultural decision support, the program is: DSSAT which aims of forecasting the crop yield under specific agronomic practices.

In the field of Agricultural Agenda and prediction of Agricultural Date, the program aims at determining the correspondent date with the agricultural operations.

## **Publications:**

Convener of 4 international meetings; Editor of 5 volumes of refereed conferences; Author and co-author of 6 books; Author of 8 chapter in internationally published books.; Author and co-author of 11 report and article. As for research, he wrote over 225 articles published in refereed journals and International meetings in the fields of stress physiology, greenhouse management, water use efficiency and irrigation, arid lands management, culture, organic cultivation of horticultural crops, and applications of agro climatic data for crop management, as follows:

1. **Abou-Hadid A.F.**, El-Beltagy, A.S., Smith, A.R. and Hall, M.A. 1986. "The influence of leaf position and age upon the production of stress ethylene in tomatoes." *Acta Hort.* (ISHS) 190:397-404  
[http://www.actahort.org/books/190/190\\_42.htm](http://www.actahort.org/books/190/190_42.htm)
2. **Abou-Hadid, A.F.**, El-Beltagy, A.S., Smith, A.R. and Hall, M.A. 1986. "Effect of water stress on tomato at different stages of development." *Acta Hort.* (ISHS) 190:405-414  
[http://www.actahort.org/books/190/190\\_43.htm](http://www.actahort.org/books/190/190_43.htm)
3. **Abou-Hadid, A.F.**, El-Beltagy, A.S., Smith, A.R. and Hall, M.A. 1986. "Ethylene production by leaves of various plant species in response to stress imposition." *Acta Hort.* (ISHS) 190:415-422  
[http://www.actahort.org/books/190/190\\_44.htm](http://www.actahort.org/books/190/190_44.htm)
4. **Abou-Hadid, A.F.**, Maksoud, M.A. and El-Abd, S.O. 1986. "Protected cultivation for winter production of tomato." *Acta Hort.* (ISHS) 191:59-66  
[http://www.actahort.org/books/191/191\\_5.htm](http://www.actahort.org/books/191/191_5.htm)
5. **Abou-Hadid, A. F.**, El-Beltagy and El-Saied. 1987. "Comparison of late winter tomato cultivation under open field and plastic house conditions." *Egyptian Journal of Horticultural Science*, Vol 14 (2) pp 113-118.  
<http://agris.fao.org/agris-search/search.do?recordID=EG9201187>
6. **Abou-Hadid, A.F.** and El-Beltagy, A.S. 1987. "Comparative study on potential Evapotranspiration for different regions in Egypt under plastic house conditions." *Seminaire regional sur les cultures maraicherese. Fondation Internationale pour la science (FIS)*, 21-26 Septembre 1987. Tunis – Tunisia.
7. **Abou-Hadid, A.F.**, Burrage and El-Beltagy. 1987. "Comparison of hydroponic systems for tomato production in Egypt." *Egypt. J. Hort., Sci.* Vol. 14, No.2, pp. 119-127.  
<http://eurekamag.com/research/007/140/007140519.php>
8. **Abou-Hadid A.F.**, El-Beltagy, A.S. and El-Saied; H.M. 1988. "Soil mixtures for tomato transplants." *Egypt.J.Hort.* 15, (1), 23-28.
9. Singer, S.M., El-Beltagy, M.S., Baugerod, H., **Abou-Hadid, A.F.** and El-Beltagy, A.S. 1988. "Effects of hardening of tomato plants at different low temperature."

Egypt.J.Hort. 15, (1), 55-69.  
<http://eurekamag.com/research/002/091/002091156.php>

10. Singer, S.M., El-Beltagy, M.S., Baugerod, H., **Abou-Hadid, A.F.** and El-Beltagy, A.S. 1988. "Effect of different chemical treatments for cold resistance and slight frost condition on tomato seedlings." Egypt.J.Hort.15, (2), 143-157.  
<http://eurekamag.com/research/007/245/007245240.php>
11. El Saeid, H. M., Abou Hadid, A. F., El Beltagy, A. S. 1988. "The possibility of using ethryl to identify plants relatively tolerant to salinity. I. Tomato (*Lycopersicon esculentum*)."*Egyptian Journal of Horticulture* 1989; 15(1): 71-83.  
<http://eurekamag.com/research/002/256/002256158.php>
12. El-Saied H. M., **Abou-Hadid A.F.** and El-Beltagy, A.S. 1988. "The possibility of using ethrel to identify plants relatively tolerant to salinity II- Cowpea (*Vigna sinensis L.*)"*Egypt.J.Hort.* 15, (2), 159-170.
13. **Abou-Hadid A.F.**, El-Beltagy, A.S. and El-Saied, H.M. 1988. "Transpiration as affected by irrigation with saline water."*Egypt.J.Hort.* 15, (2), 177-186.  
<http://agris.fao.org/agris-search/search.do?recordID=EG9702684>
14. **Abou-Hadid, A.F.**, El-Saied, M.H. and El-Beltagy, A.S.1988. "Factors affecting transpiration of protected vegetables in north Nile Delta region."*Egypt.J.Hort.* 15, (1), 13-21.  
<http://eurekamag.com/research/002/106/002106828.php>
15. **Abou-Hadid, A.F.**, El-Beltagy, A.S., El-Beltagy, M. S. and Singer, S. M. 1988."Protected nursery for winter tomato cultivation in Egypt."*Egypt.J.Hort.* 15, (1), 47-54.  
<http://eurekamag.com/research/007/698/007698790.php>
16. **Abou-Hadid, A.F.**,El-Beltagy, A.S. and El-Saied, H.M.1988. "Potential evapotranspiration for different regions and water consumption use patterns under plastic house conditions in Egypt."*Egypt.J. Hort.* 15, (1), 1-12.  
<http://eurekamag.com/research/007/673/007673614.php>
17. **Abou-Hadid, A.F.**, El-Beltagy, A.S., El-Saied, H.M. and El-Beltagy, M.S. 1988. "Evaluation of clay soil as a substrate for tomato transplant production."*Egypt.J.Hort.* 15, (1), 29-45.  
<http://eurekamag.com/research/002/101/002101554.php>
18. Singer, S.M., El-Abd, S.O., **Abou-Hadid A.F.** and El-Beltagy, A.S. 1989. "Salinity Hardiness on Tomato Seedlings and Chilling Stress."*Egypt.J.Hort.* 16, (1), 85-92.  
<http://agris.fao.org/agris-search/search.do?recordID=EG19920117155>
19. Singer S.M., El-Abd, S.O., El-Saied, H.M. and **Abou-Hadid A.F.** 1989. "Influence of Tomato Seed Coat Restraints on Germination Performance Under Sub-Optimal Temperature."*Egypt. J.Hort.* 16, (2), 127-132.  
<http://eurekamag.com/research/002/138/002138817.php>

20. El-Saeid, H. M., El-Abd, S. O., Singer, S. M., **Abou-Hadid, A. F.** A., El-Beltagy, A. S., Hall, A. T., 1989: "Effect of AVG sts ethephon and silver nitrate on cowpea vigna unguiculata l. walp growth and development". Egyptian Journal of Horticulture 16(2): 133-142  
<http://eurekamag.com/research/031/065/031065598.php>
21. Ibrahim, A., El-Gindy, A., **Abou-Hadid, A.F.**, and A. Abdel-Ghafar. 1989. "Recirculated sand culture for tomato under protected cultivation." Egypt. J. Hort. 16, (2), 181-198.  
<http://eurekamag.com/research/002/203/002203302.php>
22. Zayed, A., **Abou-Hadid, A.F.**, El-Behairy, U. A. and A.S. El-Beltagy. 1989. "The use of Nutrient Film Technique for the commercial Production of greenhouse tomato in Egypt". (1989).Egypt.J.Hort. 16, (2), 101-110.  
<http://eurekamag.com/research/007/943/007943290.php>
23. **Abou-Hadid, A.F.**, Zayed, A.; El-Behairy, U. A. and El-Beltagy, A.S. 1989. "A comparison Between Nutrient Film Technique (NFT) and Soil for Tomato Production under Protected Cultivation." Egypt.J.Hort. 16, (2), 111-118.  
<http://eurekamag.com/research/006/936/006936569.php>
24. **Abou-Hadid A.F.**, Sharaf, A., El-Asdoudi, A., El-Beltagy, A.S., El-Behairy, U. A. and S. W. Burrage. 1990. "The effect of continuous and intermittent flow on growth characters, chemical composition and yield of lettuce grown in NFT hydroponics." Egypt. J.Hort. 17, (2), pp. 93-101.  
<http://www.cabdirect.org/abstracts/19940301041.html>
25. Sharaf, A., Asdoudi, A., **Abou-Hadid, A.F.**, El-Beltagy, A.S., El-Behairy, U. A. and Burrage, S.W. 1990. "The effect of alternating flow at different stages of the growing cycle on growth characters, chemical composition and yield of cucumber grown in NFT hydroponics." Egypt.J.Hort.17, (2), pp.103-112.  
<http://www.cabdirect.org/abstracts/19940301042.html;jsessionid=9520C8C9EA20A11685E61DDE1A30A8E2>
26. **Abou-Hadid, A.F.** 1990. "Evaporation under protected cultivation in relation to seasonal changes in climatic factors." Egypt.J.Hort.18, (1), pp.1-10.  
<http://eurekamag.com/research/031/335/031335065.php>
27. Eissa. M.M., **Abou-Hadid, A.F.**, A.S. El-Beltagy and A.A. Omara. 1991. "Relationship between class "A" Pan evaporation and water vapor pressure deficit under plastic house conditions." Egypt. J. Hort. 18, (2), pp. 131-139.  
<http://eurekamag.com/research/033/164/033164306.php>
28. Medany, M.A., Mahmoud, M.H., Gaafer, S.A. and **Abou-Hadid, A.F.** 1991. "Effect of Cultivation in Heated and Non Heated Plastic Houses on Quality and Shelf Life of Sweet Pepper Fruit." Egypt. J. Hort. 17, No.1, PP: 57-67.  
<http://eurekamag.com/research/002/080/002080950.php>

29. Hashem, M.M., **Abou-Hadid A.F.** and El-Beltagy, A.S. 1991. "Studies on the germination ability and seedling growth on pepper (*Capsicum Annum*) growing in Egypt at high salinity." Egypt. J. Hort. 18, (1), pp. 87-94.  
<http://eurekamag.com/research/002/503/002503379.php>
30. El-Asdoudi, A., Sharaf, A., **Abou-Hadid A.F.**, El-Beltagy, A.S., El-Behairy, U.A. and Burrage, S.W. 1991. "The effect of continuous and intermittent circulation on growth characters, chemical composition and yield of tomato" Egypt. J. Hort. 18, (2), pp. 141-150.  
<http://eurekamag.com/research/002/516/002516679.php>
31. **Abou-Hadid, A.F.**, Medany, M.A., Khalifa, H., El-Beltagy, A.S. 1991. "Response of growth and development of cucumber and sweet pepper to heating effectiveness". Egypt. J. Hort. 18, (2), pp. 185-197.  
<http://eurekamag.com/research/033/212/033212374.php>
32. Salman, S.R., **Abou-Hadid, A.F.**, El-Beltagy, A.S. 1991. "The interrelation between plastic mulch and irrigation." Egypt. J. Hort. 18, (1), pp. 77-86.  
<http://eurekamag.com/research/002/523/002523229.php>
33. **Abou-Hadid, A.F.** and El-Beltagy, A.S. 1991. "Pan evaporation as affected by plastic house microclimate." Acta Hort. (ISHS) 287:35-46  
[http://www.actahort.org/books/287/287\\_2.htm](http://www.actahort.org/books/287/287_2.htm)
34. Medany, M.A., Khalifa, M.H., **Abou-Hadid, A.F.** and El-Beltagy, A.S. 1991. "Studies on the heat requirement of sweet pepper plants grown under plastic houses in Egypt." Acta Hort. (ISHS) 287:255-260  
[http://www.actahort.org/books/287/287\\_28.htm](http://www.actahort.org/books/287/287_28.htm)
35. El-Behairy, U.A., **Abou-Hadid, A.F.**, El-Beltagy, A.S. and Burrage, S.W. 1991. "Intermittent circulation for earlier tomato yield under nutrient film technique (nft)." Acta Hort. (ISHS) 287:267-272  
[http://www.actahort.org/books/287/287\\_30.htm](http://www.actahort.org/books/287/287_30.htm)
36. Salman, S.R., Bakry, M.O., **Abou-Hadid, A.F.** and El-Beltagy, A.S. 1991. "The effect of plastic mulch on the microclimate of plastic house." Acta Hort. (ISHS) 287:417-426  
[http://www.actahort.org/books/287/287\\_49.htm](http://www.actahort.org/books/287/287_49.htm)
37. Gaafer, S.A., Yousef, M.S., **Abou-Hadid, A.F.** and El-Beltagy, A.S. 1991. "Water consumption for sweet pepper plant grown under heated and non heated plastic house conditions". Acta Hort. (ISHS) 287:455-460  
[http://www.actahort.org/books/287/287\\_55.htm](http://www.actahort.org/books/287/287_55.htm)
38. **Abou-Hadid, A.F.** and El-Beltagy, A.S. 1992. "Water balance under plastic house conditions in Egypt". Acta Hort. (ISHS) 303:61-72  
[http://www.actahort.org/books/303/303\\_8.htm](http://www.actahort.org/books/303/303_8.htm)
39. **Abou-Hadid, A.F.**, El-Beltagy, A.S. and Medany, M.A. 1992. "Cucumber grafting for avoiding some soilborne diseases in plastic houses." Acta Hort. (ISHS) 319:413-418  
[http://www.actahort.org/books/319/319\\_64.htm](http://www.actahort.org/books/319/319_64.htm)

40. **Abou-Hadid, A.F.** 1992. "The relationship between ethylene and auxin on adventitious root initiation in cuttings of cucumber." *Acta Hort. (ISHS)* 319:447-452  
[http://www.actahort.org/books/319/319\\_70.htm](http://www.actahort.org/books/319/319_70.htm)
41. **Abou-Hadid, A.F.**, Medany, M.A., Khalifa, H., and El-Beltagy, A. S. 1992. "Yield and income of greenhouse sweet pepper and cucumber in relation to heating effectiveness". *Egypt. J. Hort.* 19, (1): pp. 1-12.  
<http://eurekamag.com/research/009/740/009740620.php>
42. El-Doweny H.H., Hashem, M. M., and **Abou-Hadid, A.F.** 1992. "Plastic house Crop production under Egyptian conditions and their response for prices and growing season. I. Cucumber." *Egypt.J.Hort.* 19, (1):pp.13-22.  
<http://eurekamag.com/research/002/459/002459968.php>
43. Hashem, M. M., El-Doweny, H. H. and **Abou-Hadid, A.F.** 1992. "Plastic house crop production under Egyptian conditions and their response for prices and growing season II. Tomato." *Egypt. J. Hort.* 19, (1): pp. 23-32.  
<http://eurekamag.com/research/032/844/032844038.php>
44. Farag, S. E. A., El-Saied, H. M. and **Abou-Hadid, A.F.** 1992. "Changes of endogenous hormones in irradiated potato tubers." *Egypt. J. Hort.* 19, (2) pp 121-130.  
<http://eurekamag.com/research/002/319/002319191.php>
45. Soliman, M.M. and **Abou-Hadid, A.F.** 1992. "A general comparative study between an open field and protected cultivation of some tomato cultivars under local condition of winter." *Egypt. J. Hort.* 19, (2). Pp 149-160.  
<http://eurekamag.com/research/029/591/029591581.php>  
<http://agris.fao.org/agris-search/search.do?recordID=EG9700780>
46. Omar, E. A. and **Abou-Hadid, A.F.** 1992. "Evaluation of some lines of Chinese Garlic Comparing with Balady Cultivar." *Egypt J. Hort.* 19, (2): 161-169  
<http://eurekamag.com/research/009/841/009841051.php>
47. Salman, S.R., **Abou-Hadid, A.F.**, El-Beltagy, M.S. and El-Beltagy, A.S. 1992. "Plastic house microclimate condition as affected by low tunnel and plastic mulch." *Egypt. J. Hort.* 19, (2), pp 111-119.  
<http://eurekamag.com/research/009/205/009205178.php>  
<http://agris.fao.org/agris-search/search.do?recordID=EG9700776>
48. **Abou-Hadid. A.F.**, Medany, M.A., Khalifa, H., El-Beltagy, A.S. 1992. "Plastic house climate in relation to different heating efficiencies." *Egypt. J. Hort.* 19, (2) pp131-136.  
<http://eurekamag.com/research/002/459/002459967.php>
49. **Abou-Hadid, A.F.**, El-Beltagy, A.S., Gaafer, S.A., and Hafez, M.M. 1992. "Transpiration of Greenhouse crops, and its relationship with the heating methods." *Egypt J. Hort.*, 19 (2) pp 171-175.  
<http://eurekamag.com/research/010/020/010020373.php>  
<http://agris.fao.org/agris-search/search.do?recordID=EG9700782>

50. **Abou-Hadid, A.F.**, El-Shinawy, M.Z., El-Beltagy, A.S. and Burrage, S.W. 1993. "Relation between water use efficiency of sweet pepper grown under nutrient film technique and rockwool under protected cultivation." Acta Hort. (ISHS) 323:89-96  
[http://www.actahort.org/books/323/323\\_7.htm](http://www.actahort.org/books/323/323_7.htm)
51. El-Abd, S.O., **Abou-Hadid, A.F.**, Smith, A.R. and Hall, M.A. 1993. "The role of ethylene in the responses of peas (*pisum sativum* l.) To saline stress." Acta Hort. (ISHS) 323:175-182  
[http://www.actahort.org/books/323/323\\_15.htm](http://www.actahort.org/books/323/323_15.htm)
52. Tantawy, M.M., **Abou-Hadid, A.F.** and El-Beltagy, A.S. 1993. "Lysimetric studies on water consumption in tomato". Acta Hort. (ISHS) 323:191-196  
[http://www.actahort.org/books/323/323\\_17.htm](http://www.actahort.org/books/323/323_17.htm)
53. **Abou-Hadid, A.F.**, El-Beltagy, A.S. and Medany, M.A. 1993. "Lysimeteric studies on water loss from cucumber plants grown in peat-bags." Acta Hort. (ISHS) 323:197-204  
[http://www.actahort.org/books/323/323\\_18.htm](http://www.actahort.org/books/323/323_18.htm)
54. El-Beltagy, A.S., **Abou-Hadid, A.F.**, Gaafer, S.A. and Youssef, S.M. 1993. "Interaction between root media and fertilizer for cucumber crops grown in greenhouses." Acta Hort. (ISHS) 323:235-240  
[http://www.actahort.org/books/323/323\\_21.htm](http://www.actahort.org/books/323/323_21.htm)
55. **Abou-Hadid, A.F.**, El-Beltagy, A.S. and Medany, M.A. 1993. "The effect of the difference in day and night temperatures in controlling the growth of vegetable seedlings." Acta Hort. (ISHS) 323:307-314  
[http://www.actahort.org/books/323/323\\_27.htm](http://www.actahort.org/books/323/323_27.htm)
56. **Abou-Hadid, A.F.**, El-Beltagy, A.S., Gaafer, S.A. and Youssef, S.M. 1993. "Selected soilless media for greenhouse crop seedlings: 1-tomato." Acta Hort. (ISHS) 323:315-322  
[http://www.actahort.org/books/323/323\\_28.htm](http://www.actahort.org/books/323/323_28.htm)
57. **Abou-Hadid, A.F.**, El-Beltagy, A.S. and Medany, M.A. 1993. "The effect of the difference between day and night temperature (DIF) on transpiration rate of some vegetable crops grown in rockwool." Acta Hort. (ISHS) 323:323-330  
[http://www.actahort.org/books/323/323\\_29.htm](http://www.actahort.org/books/323/323_29.htm)
58. **Abou-Hadid, A.F.** and Eissa, M.M. 1993. "Pan evaporation under plastic houses as a function of open field climate." Acta Hort. (ISHS) 323:331-340  
[http://www.actahort.org/books/323/323\\_30.htm](http://www.actahort.org/books/323/323_30.htm)
59. Singer, S.M., **Abou-Hadid, A.F.** and Li, P.H. 1993. "Improvements in chilling tolerance of tomato seedlings by glk-8903." Acta Hort. (ISHS) 323:363-370  
[http://www.actahort.org/books/323/323\\_34.htm](http://www.actahort.org/books/323/323_34.htm)
60. Singer, S.M., Li, P.H. and **Abou-Hadid, A.F.** 1993. "Reducing chilling injury with mefluidide in tomato (*lycopersicon esculentum* mill.cv. Sunny) seedlings." Acta Hort. (ISHS) 323:371-378  
[http://www.actahort.org/books/323/323\\_35.htm](http://www.actahort.org/books/323/323_35.htm)
61. Abd-Alla, A.M., Jones, R.A. and **Abou-Hadid, A.F.** 1993. "Salinity stress alters the vegetative and reproductive growth of cucumber plants." Acta Hort. (ISHS) 323:411-422  
[http://www.actahort.org/books/323/323\\_38.htm](http://www.actahort.org/books/323/323_38.htm)

62. Abd-Alla, A.M., Jones, R.A. and **Abou-Hadid, A.F.** 1993. "Germination and early seedling growth responses of cucumber to NaCl salinity and calcium." *Acta Hort.* (ISHS) 323:429-442  
[http://www.actahort.org/books/323/323\\_40.htm](http://www.actahort.org/books/323/323_40.htm)
63. **Abou-Hadid, A.F.** 1993. "Protected cultivation for tomato under salt affected soils." *Acta Hort.* (ISHS) 323:443-450  
[http://www.actahort.org/books/323/323\\_41.htm](http://www.actahort.org/books/323/323_41.htm)
64. **Abou-Hadid, A.F.**, Hussein, M.S. and El-Saied, H. M. 1993. "Heavy metals composition of leafy vegetables as influenced by different nitrogen sources." *Egypt. J. Hort.*, 20 (2):205-215  
<http://eurekamag.com/research/031/658/031658428.php>
65. Singer, S.M., El-Abd, S.O., El-Saeid, H.M., El-Beltagy, M. and **Abou-Hadid, A. F.** 1993. "A possible role of calcium and cobalt in salt tolerance of cantaloupe seedlings." *Egypt J. Hort.*, 20 (2):267-281  
<http://eurekamag.com/research/004/497/004497311.php>
66. **Abou-Hadid, A.F.**, Medany, M.A., El-Beltagy, A.S. 1993. "Productivity and pre-economical studies on the use of drip irrigated low tunnels [for tomatoes] in Egypt." *Egyptian Journal of Horticulture*. 20, No.2, pp. 111-117  
<http://agris.fao.org/agris-search/search.do?recordID=EG9702400>
67. **Abou-Hadid, A.F.**, El-Behairy, U.A., El-Beltagy, A.S. and Burrage, S.W. 1994. "Effect of different zinc concentrations in the nutrient solution on uptake and translocation of macro and micro nutrients in cucumber grown in nft." *Acta Hort.* (ISHS) 361:325-331  
[http://www.actahort.org/books/361/361\\_32.htm](http://www.actahort.org/books/361/361_32.htm)
68. **Abou-Hadid, A.F.**, El-Shinawy, M.Z. and Medany, M.A. 1994. "Preliminary studies on the use of aeroponics for vegetable crops under local conditions." *Acta Hort.* (ISHS) 361:397-402  
[http://www.actahort.org/books/361/361\\_40.htm](http://www.actahort.org/books/361/361_40.htm)
69. **Abou-Hadid, A.F.**, El-Shinawy, M.Z., El-Oksh, I., Gomaa, H. and El-Beltagy, A.S. 1994. "Studies on water consumption of sweet pepper plant under plastic houses." *Acta Hort.* (ISHS) 366:365-372  
[http://www.actahort.org/books/366/366\\_45.htm](http://www.actahort.org/books/366/366_45.htm)
70. **Abou-Hadid, A.F.**, El-Shinawy, M.Z., El-Beltagy, A.S. and Burrage, S.W. 1994. "A comparative study between sweet pepper grown in nutrient film technique and rockwool under protected cultivation." *Acta Hort.* (ISHS) 361:513-518  
[http://www.actahort.org/books/361/361\\_56.htm](http://www.actahort.org/books/361/361_56.htm)
71. **Abou-Hadid, A.F.**, El-Beltagy, A.S. and Medany, M.A. 1994. "The effect of air temperature on fruit yield of sweet pepper (*capsicum annuum*) grown under plastic houses in Egypt." *Acta Hort.* (ISHS) 366:93-98  
[http://www.actahort.org/books/366/366\\_9.htm](http://www.actahort.org/books/366/366_9.htm)
72. **Abou-Hadid, A.F.**, Saleh, M.M., Shanan, S.A. and El-Abd, T.M.G. 1994. "A comparative study between different means of protection on the growth and yield of

- winter tomato crop." *Acta Hort.* (ISHS) 366:105-112  
[http://www.actahort.org/books/366/366\\_11.htm](http://www.actahort.org/books/366/366_11.htm)
73. **Abou Hadid, A.F.** and Eissa, M.M. 1994. "Daily air temperature and relative humidity regimes in relation to plastic houses and open field conditions in Egypt." *Acta Hort.* (ISHS) 366:113-118  
[http://www.actahort.org/books/366/366\\_12.htm](http://www.actahort.org/books/366/366_12.htm)
74. Saleh, M.M., **Abou-Hadid, A.F.**, El-Abd, T. and Shanan, A.S. 1994. "Effect of different shading densities on growth and yield of tomato and cucumber plants." *Egypt. J. Hort.* 21(1), pp. 65-80  
<http://eurekamag.com/research/002/601/002601216.php>
75. El-Saeid, H. M., **Abou-Hadid, A.F.** and Singer, S.M. 1994. "Effect of water stress upon endogenous hormones and yield in cowpea plants." *Egypt. J. Hort.* 21, No. 1, pp.133-142.  
<http://eurekamag.com/research/002/605/002605843.php>
76. Helmy, Y.H., El-abd, S.O., **Abou-Hadid, A.F.**, El-Beltagy, M. and El-Beltagy, A.S. 1994. "Ethylene production from tomato and cucumber plants under saline conditions" *Egypt. J. Hort.* 21, No. 2, pp.153-160.  
<http://eurekamag.com/research/002/832/002832368.php>
77. **Abou-Hadid, A.F.**, El-Shinawy, M.Z., El-Beltagy, A.S., Gaafer, S.A., and Medany, M. A. 1994. "Studies on the production of off-season jew's mallow (melokhia) in Egypt." *Egypt J. Hort.* (21) 2, pp 187-193. Abstracted in *HortScience* 28 (5), 522-522.  
<http://hortsci.ashpublications.org/content/28/5/522.5.short>
78. Abou Hadid, A. F.; El Beltagy, A. S.; Youssef, S. M.; Gaafer, S. A., 1995: Selected soilless media for greenhouse crop seedlings: II Cucumber. *Egyptian Journal of Horticulture.* 21 (2): 203-211  
<http://eurekamag.com/research/033/326/033326865.php>
79. Medany, M.A., Hafez, M.M., **Abou-Hadid, A.F.**, and El-Beltagy, A.S. 1995. "Root media materials for cucumber production in closed recirculated hydroponic systems." *Journal of vegetable crop production*, New York, Vol (1) pp 29-35.  
[http://www.tandfonline.com/doi/abs/10.1300/J068v01n01\\_04#preview](http://www.tandfonline.com/doi/abs/10.1300/J068v01n01_04#preview)
80. **Abou-Hadid, A.F.**, El-Beltagy, A.S., Medany, M.A., and Hafez, M.M. 1995. "Performance of soilless media in greenhouse production of cucumber, *Cucumis sativus*, in Egypt." *Journal of vegetable crop production*, New York, Vol (1) pp 93-98.  
[http://www.tandfonline.com/doi/abs/10.1300/J068v01n01\\_10](http://www.tandfonline.com/doi/abs/10.1300/J068v01n01_10)
81. **Abou-Hadid, A.F.**, El-Beltagy, A.S., Abdel-Rahman, S.Z. and Gaafer, S. A. 1995. "Effect of shading and GA3 on "flowerhead" artichoke storage II" *Egypt. J. Hort.* 22, No. 1, pp.41-48.  
<http://eurekamag.com/research/002/817/002817248.php>
82. Eissa, A.M., **Abou-Hadid, A.F.** And Saleh, M.M. 1995. "Increasing Productivity of Land Irrigated by Marginal Quality Water Through the Use of Organic Manures in Egypt" Proceedings of the International Workshop on Integrated Soil Management for

Sustainable Use of Salt Affected Soils. November 6-10, 1995. pp 95-110

83. **Abou-Hadid, A.F.**, El-Beltagy, A.S., Mohamedien, S.A., Saleh, M.M. and Medany, M.A. 1995. "Options for simple green house heating systems". Acta Hort. (ISHS) 399:87-94  
[http://www.actahort.org/books/399/399\\_7.htm](http://www.actahort.org/books/399/399_7.htm)
84. Eissa, M.M., **Abou-Hadid, A.F.**, Zohdy, H.M., El-Hammady, A.M. 1995. "On the chilling requirement distributions of deciduous fruit trees in Egypt." Conference of On-Farm Irrigation and Agroclimatology, Cairo (Egypt), 2-4 Jan.  
<http://agris.fao.org/agris-search/search.do?recordID=EG1998002760>
85. Singer, S. M., El-Tohamy, W.A. **Abou-Hadid, A.F.**, Markhart, A. H. and Li, P. H. 1996. "Chilling and water stress injury in bean (*phaseolus vulgaris. L*) Seedlings reduced by pretreatment with cacl<sub>2</sub>, mefluidide, kcl and mgcl<sub>2</sub>" Egypt. J. Hort. 23, No. 1,pp.77-88  
<http://eurekamag.com/research/002/777/002777620.php>
86. **Abou-Hadid A.F.**, El-Shinawy, M.Z. and Omer, E.A. 1996. "Cultivation of Garlic in Nutrient Film Technique (NFT)." Proceedings of the Fifth International Conference on Desert Development, the Endless Frontier, Texas Tech. Univ. (USA) August 12-17.  
<http://agris.fao.org/agris-search/search.do?recordID=EG1999001969>
87. Ismail, A. S., Eissa, A.M. **and Abou-Hadid, A.F.** 1996. "Effect of composted materials on soil properties, nutritional status and yield of tomatoes." Acta Hort. (ISHS) 434:139-150  
[http://www.actahort.org/books/434/434\\_15.htm](http://www.actahort.org/books/434/434_15.htm)
88. Eissa, M.M., **Abou-Hadid, A.F.** and Eissa, A.M. 1996. "Relationship between dif's inside and outside plastichouse." Acta Hort. (ISHS) 434:279-282  
[http://www.actahort.org/books/434/434\\_34.htm](http://www.actahort.org/books/434/434_34.htm)
89. Medany, M.A., Fynn, R.P., **Abou-Hadid, A.F.** and Short, T.H. 1996. "A comparative study between actual and theoretical evapotranspiration of cucumber, *cucumis sativus*, grown in rockwool." Acta Hort. (ISHS) 434:301-312  
[http://www.actahort.org/books/434/434\\_37.htm](http://www.actahort.org/books/434/434_37.htm)
90. Abdel-Mawgoud, A.M.R., El-Abd, S.O., Singer, S.M., **Abou-Hadid, A.F.** and Hsiao, T.C. 1996. "Effect of shade on the growth and yield of tomato plants." Acta Hort. (ISHS) 434:313-320  
[http://www.actahort.org/books/434/434\\_38.htm](http://www.actahort.org/books/434/434_38.htm)
91. Eissa, M.M., **Abou-Hadid, A.F.** and Soliman, E.M. 1996. "Statistical relationship between soil temperature under plastichouse with open field microclimate." Acta Hort. (ISHS) 434:321-328  
[http://www.actahort.org/books/434/434\\_39.htm](http://www.actahort.org/books/434/434_39.htm)
92. Saleh, M.M., **Abou-Hadid, A.F.** and El-Beltagy, A.S. 1996. "Sweet pepper emergence and seedling growth after seed pre-germination." Acta Hort. (ISHS) 434:335-340  
[http://www.actahort.org/books/434/434\\_41.htm](http://www.actahort.org/books/434/434_41.htm)
93. Youssef, A.M., Khalifa, H. and **Abou Hadid, A.F.** 1996. "Effect of some treatments on yield and quality of sweet pepper (*capsicum annuum l.*) Grown under plastic

- houses." *Acta Hort.* (ISHS) 434:341-346  
[http://www.actahort.org/books/434/434\\_42.htm](http://www.actahort.org/books/434/434_42.htm)
94. El-Behairy, U.A., **Abou-Hadid, A.F.**, El-Asdoudi, A. and Burrage, S.W. 1996. "Effect of phosphorus application on mineral contents of cucumber plants grown in nft." *Acta Hort.* (ISHS) 434:21-28  
[http://www.actahort.org/books/434/434\\_1.htm](http://www.actahort.org/books/434/434_1.htm)
95. Salman, S.R., Bakkry, M.O., **Abou-Hadid, A.F.** and Eissa, A.M. 1996. "Preliminary study on using some commercial fertilizer in nft system. I. Effect of commercial fertilizer on vegetative growth and npk removal." *Acta Hort.* (ISHS) 434:29-36  
[http://www.actahort.org/books/434/434\\_2.htm](http://www.actahort.org/books/434/434_2.htm)
96. Abd-Elmoniem, E.M., **Abou-Hadid, A.F.**, El-Shinawy, M.Z., El-Beltagy, A.S. and Eissa, A.M. 1996. "Effect of nitrogen form on lettuce plant grown in hydroponic system." *Acta Hort.* (ISHS) 434:47-52  
[http://www.actahort.org/books/434/434\\_4.htm](http://www.actahort.org/books/434/434_4.htm)
97. El-Shinawy, M.Z., Medany, M.A., **Abou-Hadid, A.F.**, Soliman, E.M. and El-Beltagy, A.S. 1996. "Comparative water use efficiencies of lettuce plants grown in different production systems." *Acta Hort.* (ISHS) 434:53-58  
[http://www.actahort.org/books/434/434\\_5.htm](http://www.actahort.org/books/434/434_5.htm)
98. **Abou-Hadid, A.F.**, Abd-Elmoniem, E.M., El-Shinawy, M.Z. and Abou-Elsoud, M. 1996. "Electrical conductivity effect on growth and mineral composition of lettuce plants in hydroponic system." *Acta Hort.* (ISHS) 434:59-66  
[http://www.actahort.org/books/434/434\\_6.htm](http://www.actahort.org/books/434/434_6.htm)
99. **Abou-Hadid, A.F.**, El-Beltagy, A.S., El-Tantawy, M. and Eissa, A.M. 1996. "Lysimetric analysis of crop water consumption patterns in selected vegetables." *Acta Hort.* (ISHS) 434:67-76  
[http://www.actahort.org/books/434/434\\_7.htm](http://www.actahort.org/books/434/434_7.htm)
100. Ismail, A.S., Eissa, A.M., El-Beltagy, A.S. and **Abou-Hadid, A.F.** 1996. "Iron-zinc and phosphorus relationship in the nutritional status of tomato seedlings grown on sandy soils." *Acta Hort.* (ISHS) 434:77-84  
[http://www.actahort.org/books/434/434\\_8.htm](http://www.actahort.org/books/434/434_8.htm)
101. Ismail, A.S., Eissa, A.M., El-Beltagy, A.S. and **Abou Hadid, A.F.** 1996. "Tomato growth in calcareous soils in relation to forms and levels of some macro- and micronutrients." *Acta Hort.* (ISHS) 434:85-94  
[http://www.actahort.org/books/434/434\\_9.htm](http://www.actahort.org/books/434/434_9.htm)
102. Ismail, A.S., Eissa, A.M. and **Abou-Hadid, A.F.** 1996. "Effect of composted materials on soil properties, nutritional status and yield of cucumber plants." *Acta Hort.* (ISHS) 434:95-102  
[http://www.actahort.org/books/434/434\\_10.htm](http://www.actahort.org/books/434/434_10.htm)
103. Abd-Alla, A.M., Adam, S.M., **Abou-Hadid, A.F.** and Benjamien, I.S. 1996. "Temperature and fertilizer effects on tomato productivity." *Acta Hort.* (ISHS) 434:113-120  
[http://www.actahort.org/books/434/434\\_12.htm](http://www.actahort.org/books/434/434_12.htm)
104. Abdel-Mawgoud, A., El-Abd, S.O., **Abou-Hadid, A.F.** and Hsiao, T.C. 1996. "Bowen ratio-energy balance estimates of evapotranspiration and crop coefficient for tomato

- plants." Acta Hort. (ISHS) 434:121-126  
[http://www.actahort.org/books/434/434\\_13.htm](http://www.actahort.org/books/434/434_13.htm)
105. Maklad, F.M., Abd-Alla, A.M. and **Abou-Hadid, A.F.** 1996. "Evaluation of tomato hybrid fruit production and reaction to tomato mosaic virus infection." Acta Hort. (ISHS) 434:185-190  
[http://www.actahort.org/books/434/434\\_20.htm](http://www.actahort.org/books/434/434_20.htm)
106. Abd-Alla, A.M., Adam, S.M., **Abou-Hadid, A.F.** and Wadid, M.M. 1996. "Tomato production under different temperatures, irrigation and pruning regimes." Acta Hort. (ISHS) 434:241-248  
[http://www.actahort.org/books/434/434\\_29.htm](http://www.actahort.org/books/434/434_29.htm)
107. Youssef, A.M., Gaafer, S.A., Hafez, M.M. and **Abou-Hadid, A.F.** 1996. "Earliness and yield response of cucumber to micro-nutrient treatments in unheated plastic-houses." Acta Hort. (ISHS) 434:329-334  
[http://www.actahort.org/books/434/434\\_40.htm](http://www.actahort.org/books/434/434_40.htm)
108. Edriss, M.H., **Abou-Hadid, A.F.** and El-Zeiny, U.A.H. 1996. "Plant regeneration and somatic embryogenesis from shoot tip and cotyledon of *cucumis melo* (galia)." Acta Hort. (ISHS) 434:347-352  
[http://www.actahort.org/books/434/434\\_43.htm](http://www.actahort.org/books/434/434_43.htm)
109. Omer, E.A., El-Menshawi, B.S., Edris, M. and **Abou-Hadid, A.F.** 1996. "Micro propagation of *phytolacca dodecandra l'herit.*" Acta Hort. (ISHS) 434:353-360  
[http://www.actahort.org/books/434/434\\_44.htm](http://www.actahort.org/books/434/434_44.htm)
110. Helmy, Y.I., Singer, S.M., El-Abd, S.O. and **Abou-Hadid, A.F.** 1996. "Environmental modification of sex expression in cucumber plants." Acta Hort. (ISHS) 434:361-366  
[http://www.actahort.org/books/434/434\\_45.htm](http://www.actahort.org/books/434/434_45.htm)
111. El-Tohamy, W.A., Singer, S.M., El-Abd, S.O. and **Abou-Hadid, A.F.** 1996. "Effect of mineral nutrients and mefluidide treatments on chilling tolerance of pepper seedlings." Acta Hort. (ISHS) 434:367-378  
[http://www.actahort.org/books/434/434\\_46.htm](http://www.actahort.org/books/434/434_46.htm)
112. Abd-Elmoniem, E.M; Soliman, E. M.; Medany, M.A. And **Abou-Hadid, A.F.** 1997. "Distribution of silicon in cucumber leaves" Egypt. J. Hort. 24, No. 2, pp.197-206.  
<http://eurekamag.com/research/002/804/002804751.php>  
<http://agris.fao.org/agris-search/search.do?recordID=EG1998001446>
113. EL-Beltagy, A.S., Hamdi, Y., EL-Gindy, M., Hussein, A., and **Abou-Hadid, A.F.** 1997. "Dryland farming research in Egypt: strategies for developing a more sustainable agriculture. American Journal of Alternative Agriculture." Vol.12, No.3, pp 124-129.  
<http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=6365800&fileId=S0889189300007396>

114. **Abou-Hadid, A.F.** and Omar, A.M. 1998. "The effect of available water content and other physical and chemical properties of soil substrates on germination of cucumber." *Acta Hort. (ISHS)* 469:245-254  
[http://www.actahort.org/books/469/469\\_25.htm](http://www.actahort.org/books/469/469_25.htm)
115. Youssef, A.M.A., Abd-Alla, A.M., Osman, H. A., H. and **Abou-Hadid, A.F.** 1998. "Comparative reaction of tomato hybrids and lines against *Meloidogyne incognita* under plastic house in newly reclaimed soil." *International Journal of Nematology*, Vol. (8) No (2) pp.149 –155.  
<http://eurekamag.com/research/003/073/003073029.php>
116. Sawan, O.M., Eissa, A.M. and **Abou-Hadid, A.F.** 1998. "Cucumber plant growth and yield as affected by using sawdust and peat moss mixes for seedlings production under protected cultivation." *Egypt. J. Hort.* 25, No. 3, pp.321-334  
<http://eurekamag.com/research/003/083/003083146.php>  
<http://agris.fao.org/agris-search/search.do?recordID=EG1999001973>
117. Medany, M.A., Wadid, M.M. and **Abou-Hadid, A.F.** 1999. "Cucumber fruit growth rate in relation to climate." *Acta Hort. (ISHS)* 491:107-112  
[http://www.actahort.org/books/491/491\\_14.htm](http://www.actahort.org/books/491/491_14.htm)
118. **Abou-Hadid, A.F.** 1999. "The use of weather data for crop production and protection." *Acta Hort. (ISHS)* 491:169-176  
[http://www.actahort.org/books/491/491\\_24.htm](http://www.actahort.org/books/491/491_24.htm)
119. **Abou-Hadid, A.F.**, Medany, M.A. and Benjamien, I.S.S. 1999. "Water requirements for improved cantaloupe cultivation." *Acta Hort. (ISHS)* 491:295-300  
[http://www.actahort.org/books/491/491\\_44.htm](http://www.actahort.org/books/491/491_44.htm)
120. El-Behairy, U.A., **Abou-Hadid, A.F.** and Burrage, S.W. 1999. "The possibilities of phosphorus, zinc interaction in cucumber plants (*cucumis sativus L.*) Grown in nft." *Acta Hort. (ISHS)* 491:307-314  
[http://www.actahort.org/books/491/491\\_46.htm](http://www.actahort.org/books/491/491_46.htm)
121. El-Shinawy, M.Z., Abd-Elmoniem, E.M. and **Abou-Hadid, A.F.** 1999. "The use of organic manure for lettuce plants grown under NFT conditions." *Acta Hort. (ISHS)* 491:315-318  
[http://www.actahort.org/books/491/491\\_47.htm](http://www.actahort.org/books/491/491_47.htm)
122. Sawan, O.M., Eissa, A.M. and **Abou-Hadid, A.F.** 1999. "The effect of different growing media on cucumber seedling production, fruit yield and quality under greenhouse conditions." *Acta Hort. (ISHS)* 491:369-376  
[http://www.actahort.org/books/491/491\\_57.htm](http://www.actahort.org/books/491/491_57.htm)
123. El Tohamy, W., Schnitzler, W.H., El Behairy, U.A., **Abou-Hadid, A.F.** 1999. "Evaluation of drought and heat tolerance of common beans (*Phaseolus vulgaris L.*)" *Journal of Applied Botany – Angewandte Botanik, Gottingen.* 73, 169 – 172.  
<http://cat.inist.fr/?aModele=afficheN&cpsidt=1218905>
124. Karas, A. N., Singer, S.M., O.M. Sawan., **Abou-Hadid, A.F.** 1999. "Water consumption of bean plants (*phaseolus vulgaris L.*) as affected by sowing dates." *Egypt J. Hort.* (26) 1, pp: 19- 34.  
<http://eurekamag.com/research/003/334/003334477.php>

125. **Abou-Hadid, A.F.** 1999. "The use of climatic data in integrated crop management." Congress of the Recent Technologies in Agriculture, Cairo (Egypt), 27-29 Nov 1999.  
<http://agris.fao.org/agris-search/search.do?recordID=EG2000002516>
126. Medany, M.A., Gad Elrab., **Abou-Hadid, A.F.** 1999. "The use of agro-meteorological data to calculate fertilizer requirement." International Conference on the Development of Dry Areas, Cairo (Egypt), 22-27 Aug 1999.  
<http://agris.fao.org/agris-search/search.do?recordID=QV2001000050>
127. El-Behairy, U.A., Medany, M.A., Benjamien, I. S., Abou El-Saud, S. M. and **Abou-Hadid, A.F.** 2000. "Collection of rain water from plastic houses and utilization for tomato production in North Sinai". Egypt. J. Hort. 27, No. 3, pp.349-362.  
<http://eurekamag.com/research/003/385/003385787.php>  
<http://www.cabdirect.org/abstracts/20013025629.html>
128. Medany, M.A., El-Behairy, U.A., Benjamien, I.S., Awad, M. M. and **Abou-Hadid, A.F.** 2000. "Studies on the use of plastic bags for growing cucumber under plastichouses" Egypt. J. Hort. 27, No. 4, pp.535-542.  
<http://eurekamag.com/research/003/949/003949441.php>  
<http://www.cabdirect.org/abstracts/20013112102.html>
129. Wadid, M. M., Medany, M.A., El-Behairy, U.A., Farag, A. A., Awad, M. M. and **Abou-Hadid, A. F.** 2000. "Effect of improved natural ventilation of plastic house on cucumber grown in Egypt" Egypt. J. Hort. 27 (4) pp.569-578.  
<http://eurekamag.com/research/003/729/003729721.php>  
<http://agris.fao.org/agris-search/search.do?recordID=QV2001000054>
130. El-Behairy, U.A., **Abou-Hadid, A.F.**, Medany, M.A. and Awad, M.M. 2001. "The effect of different cultivars, orientation and soilless culture systems on production and quality of strawberry." Acta Hort. (ISHS) 548:59-64  
[http://www.actahort.org/books/548/548\\_4.htm](http://www.actahort.org/books/548/548_4.htm)
131. Singer, S.M., Helmy, Y. I., Karas, A.N. and **Abou-Hadid, A.F.** 2001. "Influences of different water - stress treatments on growth, development and production of snap bean (*Phaseolus Vulgaris.L.*)". Egypt. J. Hort. 28 (4) pp 505-518.  
[http://www.actahort.org/books/614/614\\_90.htm](http://www.actahort.org/books/614/614_90.htm)
132. Abdel-Naby A., El-Beltagy, M.S., **Abou-Hadid, A.F.**, Y.I. 2001. "Effect of salinity stress on Potato Plants Modified by Calcium Application." Egypt. J. Hort. 28 (4), pp 519-530.  
<http://eurekamag.com/research/012/002/012002842.php>
133. Medany, M.A. and **Abou-Hadid, A.F.** 2001. "Modeling net photosynthesis of greenhouse cucumber compared to measured dry weight." Acta Hort. (ISHS) 548:293-302  
[http://www.actahort.org/books/548/548\\_33.htm](http://www.actahort.org/books/548/548_33.htm)
134. **Abou-Hadid, A.F.**, Omar Mohamed, A., Abdel-Fattah Ibrahim, A. and Mohamed Soliman, E. 2001. "Effect of composted greenhouse wastes on macro-nutrients concentration and productivity of cucumber." Acta Hort. (ISHS) 549:123-130  
[http://www.actahort.org/books/549/549\\_13.htm](http://www.actahort.org/books/549/549_13.htm)

135. El-Tohamy, W.A., Singer, S.M., El-Behairy, U.A. and **Abou-Hadid, A.F.** 2001. "Effects of low tunnels, plastic mulch and mineral nutrient treatments on chilling tolerance of snap bean plants." *Acta Hort. (ISHS)* 559:127-134  
[http://www.actahort.org/books/559/559\\_17.htm](http://www.actahort.org/books/559/559_17.htm)
136. Abd-Elmoniem, E.M., El-Shinawy, M.Z., **Abou-Hadid, A.F.** and Helmy, Y.I. 2001. "Response of lettuce plant to feeding with unconventional Sources under hydroponic system." *Acta Hort. (ISHS)* 559:549-554  
[http://www.actahort.org/books/559/559\\_80.htm](http://www.actahort.org/books/559/559_80.htm)
137. El-Behairy, U.A., El-Shinawy, M.Z., Medany, M.A. and **Abou-Hadid, A.F.** 2001. "Utilization of "A-shape" system of nutrient film technique (NFT) as a method for producing some vegetable crops intensively." *Acta Hort. (ISHS)* 559:581-586  
[http://www.actahort.org/books/559/559\\_85.htm](http://www.actahort.org/books/559/559_85.htm)
138. Maloupa, E., **Abou Hadid, A.F.**, Prasad, M. and Kavafakis, C.H. 2001. "Response of cucumber and tomato plants to different substrates mixtures of pumice in substrate culture." *Acta Hort. (ISHS)* 559:593-600  
[http://www.actahort.org/books/559/559\\_87.htm](http://www.actahort.org/books/559/559_87.htm)
139. Medany, M.A., Wadid, M.M. and **Abou-Hadid, A.F.** 2001. "New extension system for modern irrigation management in egypt." *Acta Hort. (ISHS)* 562:407-411  
[http://www.actahort.org/books/562/562\\_49.htm](http://www.actahort.org/books/562/562_49.htm)
140. Abd-Alla A.M., Adam, Safia M. and **Abou-Hadid, A.F.** 2001. "Response of Some Tomato Hybrids to the Organic Fertilizer under Newly Reclaimed Soil Conditions." *Egypt. J. Hort.* 28 (3), pp340-354.  
<http://eurekamag.com/research/011/292/011292681.php>
141. Abd-Alla, A.M., Adam, S. M. and **Abou-Hadid, A.F.** 2001. "Productivity of Green Cowpea in Sandy Soil as Influenced by Different Organic Manure Rates and Sources." *Egypt. J. Hort.* 28 (3), pp 331-340.  
<http://eurekamag.com/research/011/204/011204876.php>
142. Abd El- Ghafar, N.Y., Abo El- Maaty, Sh.m., Medany, M. A., Elew, I. S. and **Abou- Hadid, A.F.** 2001. "Epidemiology of pear fire blight in Egypt". *Egypt. J. Hort.* 28, No 2, PP: 217-239.  
<http://eurekamag.com/research/003/753/003753481.php>  
<http://agris.fao.org/agris-search/search.do?recordID=EG2003000487>
143. El-Zeiny, O.A.H.; Mansour S.A.; Edriss M.H. and **Abou- Hadid, A.F.** 2001. "Towards commercial production of cassava in vitro" *Egypt. J. Hort.* 28 (3), 387-394.  
<http://eurekamag.com/research/011/577/011577608.php>
144. Medany, M.A., Wadid, M.M., **Abou- Hadid, A.F.** 2001. "Effect of urban and mushroom wastes composts on growth of cucumber (*cucumis sativus l.*)."*Egyptian journal of horticulture* 28 (4), 565-574.  
<http://eurekamag.com/research/012/005/012005974.php>
145. El-Nemr, M.A., El-Behairy, U.A., Omayma, M. Sawan and **Abou-Hadid, A.F.** 2002. "The effect of N source on chemical analysis of green bean grown under different water levels". *Egy. J. Hort.* 29 (2) 333-346.  
<http://eurekamag.com/research/004/348/004348896.php>

146. Adam S.M., Abdalla, A.M. and **Abou-Hadid, A.F.** 2002. "Effect of shading on the growth and productivity of some tomato cultivars in the summer season". Egy. J. Hort. Volume 29 (2), pp 271-280.  
<http://eurekamag.com/research/004/126/004126904.php>
147. Ahmed, S.H., El-Behairy, U.A., Medany, M.A. and **Abou-Hadid, A. F.** 2002. "Effect of growing levels, cultivation side and transplant production method on production and quality of strawberry grown in nutrient film technique (NFT) using A-Shape system." Egypt. J. Hort. 29(3/4): 441-459.  
<http://eurekamag.com/research/004/122/004122315.php>
148. El-Beltagy, M.S., **Abou-Hadid, A.F.**, El-Abd, S.O., Singer, S.M. and Abdel-Naby, A. 2002. "Response of fall season potato crop to different calcium levels." Acta Hort. (ISHS) 579:289-293  
[http://www.actahort.org/books/579/579\\_49.htm](http://www.actahort.org/books/579/579_49.htm)
149. **Abou-Hadid, A.F.** 2002. "The agro-climate application information system for crop production and protection in egypt." Acta Hort. (ISHS) 582:41-51  
[http://www.actahort.org/books/582/582\\_2.htm](http://www.actahort.org/books/582/582_2.htm)
150. Abol-Maatey, S.M., Medany, M.A., **Abou-Hadid, A.F.**, Abd El-Ghafar, N.Y. and Elewa, I.S. 2002. "The use of climatic data for integrated management of pears: forecasting fire blight." Acta Hort. (ISHS) 596:523-527  
[http://www.actahort.org/books/596/596\\_87.htm](http://www.actahort.org/books/596/596_87.htm)
151. Abed-El-Monem E.M., Abed-El-Kawy, T. F., El-Behairy, U.A. and **Abou-Hadid, A.F.** 2002. "Influnce of some organic fertilizers on the yield of cucumber plants under plastic houses." Egy. J. Hort. Volume 29(3/4): 499-511  
<http://eurekamag.com/research/004/205/004205122.php>
152. Peet, M.M., **Abou-Hadid, A.F.**, Giacomelli, G., Gosselin, A., Papadopoulos, A.P. 2002. "Foreword and preface" xxvi international horticultural congress: protected cultivation 2002: in search of structures, systems and plant materials for 633. Acta Horticulturae 633: 6-7.  
[http://www.actahort.org/books/633/633\\_0.htm](http://www.actahort.org/books/633/633_0.htm)
153. Abou-El-Hassan, S., El-Behairy, U.A., El-Shinawy, M. and **Abou-Hadid, A.F.** 2003. "Effect of using organic manure compostea as a nutrient solution on quality of cantaloupe fruits in nutrient film technique (NFT)." Egy. J. Hort. Volume 29(3/4): 461-472  
<http://eurekamag.com/research/012/006/012006006.php>
154. Aly, M.S., El-Behairy, U.A., Medany, M.A. and **Abou-Hadid, A.F.** 2003. "Effect of root-zone warming and air heating on snap beans plants grown in nutrient film technique (NFT)." Egy. J. Hort. Volume 30. 3/4, PP: 215-226  
<http://eurekamag.com/research/004/421/004421640.php#close>
155. Wadid, M.M., Medany, M.A. and **Abou-Hadid, A.F.** 2003. "Diallel analyses for yield and vegetative characteristics in cucumber (*cucumis sativus* l.) Under low temperature conditions." Acta Hort. (ISHS) 598:279-287  
[http://www.actahort.org/books/598/598\\_42.htm](http://www.actahort.org/books/598/598_42.htm)

- 156.El-Behairy, U.A., **Abou-Hadid, A.F.**, Medany, M.A. and Ahmed, S.H. 2003. "Effect of side and level of cultivation on production and quality of strawberry produced by aeroponic system." Acta Hort. (ISHS) 608:43-51  
[http://www.actahort.org/books/608/608\\_5.htm](http://www.actahort.org/books/608/608_5.htm)
- 157.Abou-Hussein, S.D., **Abou-Hadid, A.F.** and El-Shorbagy, T. 2003. "Effect of cattle and chicken manure with or without mineral fertilizers on vegetative growth, chemical composition and yield of potato crops." Acta Hort. (ISHS) 608:73-79  
[http://www.actahort.org/books/608/608\\_9.htm](http://www.actahort.org/books/608/608_9.htm)
- 158.Abou-Hussein, S.D., El-Shorbagy, T. and **Abou-Hadid, A.F.** 2003. "Effect of cattle and chicken manure with or without mineral fertilizers on tuber quality and yield of potato crops." Acta Hort. (ISHS) 608:95-100  
[http://www.actahort.org/books/608/608\\_12.htm](http://www.actahort.org/books/608/608_12.htm)
- 159.Eissa, A.M., **Abou-Hadid, A.F.** and Sawan, O.M. 2003. "The effects of various irrigation system on soil properties, the growth characteristics, nutritional status and yield of potatoes with using organic and-bio dynamic agriculture." Acta Hort. (ISHS) 608:159-167  
[http://www.actahort.org/books/608/608\\_20.htm](http://www.actahort.org/books/608/608_20.htm)
- 160.Refaee, K.M., Medany, M.A. and **Abou-Hadid, A.F.** 2003. "Use of agrometeorological data to calculate irrigation requirement." Acta Hort. (ISHS) 608:239-247  
[http://www.actahort.org/books/608/608\\_29.htm](http://www.actahort.org/books/608/608_29.htm)
- 161.Medany, M.A., Abdrabbo, M., Refaee, K.M. and **Abou-Hadid, A.F.** 2003. "Using agrometeorological data to calculate irrigation and fertilization requirement and scheduling for vegetable." Acta Hort. (ISHS) 608:253-258  
[http://www.actahort.org/books/608/608\\_31.htm](http://www.actahort.org/books/608/608_31.htm)
- 162.Medany, M.A., El-Behairy, U.A., Attaher, S.M. and **Abou-Hadid, A.F.** 2003. "Prediction of some soil chemical properties in tushki using empirical equations." Acta Hort. (ISHS) 608:289-293  
[http://www.actahort.org/books/608/608\\_37.htm](http://www.actahort.org/books/608/608_37.htm)
- 163.Singer, S.M., Helmy, Y.I., Karas, A.N. and **Abou-Hadid, A.F.** 2003. "Influences of different water-stress treatments on growth, development and production of snap bean (*phaseolus vulgaris*. L.)." Acta Hort. (ISHS) 614:605-611  
[http://www.actahort.org/books/614/614\\_90.htm](http://www.actahort.org/books/614/614_90.htm)
- 164.Refaie, K. M., Medany, M. A., Abdel-Wahab, M. M., **Abou-Hadid, A. F.** 2003. "Controlling Depth of Soil Moisture Surrounding Root Environment of Cantaloupe". Journal of Environmental Science, Volume (6), No. (2) pp: 543:557.
- 165.Abdrabbo, Mahmoud A Medany, EM Abd El-Moniem, **Abou-Hadid, A.F.** 2003 "Integrated Management For Potato Using Information Technology And Simulation Models. B: Fertilization" Egyptian Meteorological Authority- Meteorological Research Bulletin - Vol.- 18  
<http://www.clac.edu.eg/wp-content/uploads/2014/06/INTEGRATED-MANAGEMENT-FOR-POTATO-USING-INFORMATION-TECHNOLOGY-AND-SIMULATION-MODELS.pdf>.
- 166.Attaher, S. M., **Abou-Hadid, A. F.** 2003. "Integrated-Climate Application Information System for Prediction and Adaptation to Climate Change Impacts in Agriculture."

Proc. of International Meeting of the Future of African Food Security, African Studies Institute, Cairo.

167. Helal, nesreen, El-Behairy, U. A., **Abou-Hadid, A. F.** and Okasha, K. A. 2003. "Effect of salinity on the growth of some tomato cultivars." Res. Bult., Ain Shams univ.
168. Eissa, A.M., Salman, S.R., **Abou-Hadid, A. F.** 2003. "Effect of the interactions between different levels of soil moisture, phosphorus and iron on the growth and nutritional status of pepper plants (*Capsicum annum L.*) grown on a calcareous soil." Egyptian journal of horticulture 30 (3/4), 291-299.
169. Moursy, F.S., Wadid, M.M., Hashim, M.M., **Abou-Hadid, A. F.** 2003. "Studies on plant growth, productivity and quality of cantaloupe (*Cucumis melo* var *cantaloupensis*) as affected by irrigation with saline water." Egyptian journal of horticulture 30 (1/2), 135-150.  
<http://eurekamag.com/research/004/476/004476904.php>
170. Abol-Maatey, S.M., Medany, M.A. and **Abou-Hadid, A.F.** 2004. "Utilization of agroclimatic data for daily agricultural management for major crops (ag-agenda) in egypt." Acta Hort. (ISHS) 659:207-214  
[http://www.actahort.org/books/659/659\\_26.htm](http://www.actahort.org/books/659/659_26.htm)
171. Abdel-Mawgoud, A.M.R., El-Abd, S.O., Stanghellini, C., Böhme, M. and **Abou-Hadid, A.F.** 2004. "Sweet pepper crop responses to greenhouse climate manipulation under saline conditions." Acta Hort. (ISHS) 659:431-438  
[http://www.actahort.org/books/659/659\\_57.htm](http://www.actahort.org/books/659/659_57.htm)
172. Refaie, K.M., Medany, M.A. and **Abou-Hadid, A.F.** 2004. "Utilization of agrometeorological data for water management of drip irrigated cantaloupe." Acta Hort. (ISHS) 659:587-594  
[http://www.actahort.org/books/659/659\\_76.htm](http://www.actahort.org/books/659/659_76.htm)
173. Castilla, N., Hernández, J. and **Abou-Hadid, A.F.** 2004. "Strategic crop and greenhouse management in mild winter climate areas." Acta Hort. (ISHS) 633:183-196  
[http://www.actahort.org/books/633/633\\_22.htm](http://www.actahort.org/books/633/633_22.htm)
174. Dalia-Khalaf M., Medany, M. A. and **Abou-Hadid, A. F.** 2004. "Energy analysis of organic and conventional sweet pepper under the green Houses in Egypt." Eg. Ain shams univ., Special volume. 1-15.
175. Abd El-Maaboud M.S., Medany M.A., Edriss M. and **Abou-Hadid A.F.** 2004. "Climate change and productivity of some wheat cultivars under rainfed and supplementary irrigation conditions." In Cantero-Martínez C. (ed.), Gabiña D. (ed.). Mediterranean rainfed agriculture: Strategies for sustainability Workshop. Zaragoza (Spain): CIHEAM-IAMZ, 2004. PP: 139-146:  
<http://om.ciheam.org/om/pdf/a60/04600054.pdf>
176. Eissa, A. m., Omer, E. a. and **Abou-Hadid, A. F.** 2004. Effect of saline water irrigation on the dry matter production, Nutrition Status and Essential oil content of thyme plants (*Thymus vulgaris L.*) grown on sandy soil. Egy. J. of Hort.(31) 59-69.

177. Abdrabbo, M. A. A., Medany, M. A., Abd El-Moniem, E. M and **Abou-Hadid A. F.** 2005. Fertigation management of cucumber plants under plastic houses." Egy. J. of Hort. (32) 1-13.  
<http://eurekamag.com/research/014/048/014048273.php>
178. Metwally, Neveen. E., El-Gindy, S.A., **Abou-Hadid, A. F.** and El-Behairy, U. A. 2005. "Effect of substrate type and irrigation level on carnation production and quality." Egypt. J.Hort.32. 15-31  
<http://eurekamag.com/research/014/026/014026541.php>
179. Abdel-Mawgoud, A.M.R., Sassine, Y.N., El-Behairy, U.A., **Abou-Hadid, A. F.**, El-Abd, S.O. 2005. "Effect of minimum root-zone temperature on the growth and production of greenhouse sweet pepper." J. Appl. Sci. Res 1, 72-77.  
<http://www.aensiweb.com/old/jasr/jasr/72-77.pdf>
180. Mansour, M.M.F., Salama, K.H.A., Ali, F.Z.M., **Abou-Hadid, A. F.** 2005. "Cell and plant responses to NaCl in Zea mays L. cultivars differing in salt tolerance." Gen. Appl. Plant Physiol 31 (1-2), 29-41.
181. Abdel-Mawgoud, A.M.R., El-Abd, S.O., **Abou-Hadid, A. F.**, Sasse, Y.N. 2005. "Blossom end rot of sweet pepper fruits in relation to different shoot and root conditions." Asian Journal of Plant Sciences 4 (6): 619-624.  
<http://scialert.net/fulltext/?doi=ajps.2005.619.624&org=11>.
182. Medany, M.A., Short, T.H. and **Abou-Hadid, A.F.** 2006. "Unique method of establishing solar radiation saturation levels for greenhouse cucumber production." Acta Hort. (ISHS) 711:127-132.  
[http://www.actahort.org/books/711/711\\_13.htm](http://www.actahort.org/books/711/711_13.htm)
183. Farag, A.A.A., El-Gizawy, A.M., **Abou-Hadid, A. F.**, El-Behairy, U.A., Medany, M.A. 2006. "Effect of modified micro-climate in the plastic-house on salt tolerance of cucumber plants" Egyptian journal of horticulture 33, 45- 58  
<http://eurekamag.com/research/022/493/022493244.php>
184. Medany M.A., S. M. Attaher., **Abou-Hadid, A. F.** 2007. "Socio-economical analysis of agricultural stakeholders in relation to adapting capacity to climate change in Egypt." Submitted to the Int. Con. on Climate Change and their impacts on Coastal Zones and River Deltas: Vulnerability, Mitigation and Adaptation, Alexandria, Egypt, 2007. PP: 143-152.
185. Marzouk M Neama., El-Behairy, U. A., abou-Hussein, S.D., El-Abd, S.O. and **Abou-Hadid, A. F.** 2007. "Response of new potato cultivars to different levels of potassium application under Egyptian conditions." Egypt. J.Hort.34, pp.1 – 13
186. Badr, S.A.A., E.; El-Gindy, S.A., **Abou-Hadid, A. F.**, El-Behairy, U. A. 2007. "Effect of using different substrates and irrigation scheulle in *Gerbera jamisonii* productivity." Res. Bult., Ain Shams univ.
187. Saleh, S.M., M.A. Medany., U. A. El-Behairy., A.F. **Abou-Hadid, A. F.** 2007. "Effect of expected future climate changes on potato productivity in Egypt." International conference on climatic changes and their impacts on coastal zones and river deltas:

- vulnerability, mitigation and adaptation, April 21-25, 2007, Alexandria, Egypt PP: 290-300.
188. Fahim, M.A., Medany, M.A., **Abou-Hadid, A. F.**, Mosa, A.A. and M.H. Mostafa. 2007. "Ecological studies and prediction of the onset of potato late blight under egyptian climatic conditions." *Acta Hort. (ISHS)* 729:453-457  
[http://www.actahort.org/books/729/729\\_76.htm](http://www.actahort.org/books/729/729_76.htm)
189. Salama, K H A., Mansour, M.M.F., Ali, F.Z.M., **Abou-Hadid, A. F.** 2007. "NaCl-induced changes in plasma membrane lipids and proteins of Zea mays L. cultivars differing in their response to salinity." *Acta Physiologiae Plantarum* 29 (4), 351-359.  
<http://link.springer.com/article/10.1007%2Fs11738-007-0044-3>
190. Abdel-Mawgoud, A.M.R., El-Abd, S.O., Böhme, M., Sassine, Y.N. and **Abou-Hadid, A.F.** 2008. "Weekly fruit production of sweet pepper in relation to plant fruit load manipulation." *Acta Hort. (ISHS)* 779:439-446  
[http://www.actahort.org/books/779/779\\_55.htm](http://www.actahort.org/books/779/779_55.htm)
191. Abul-Soud, M., El-Behairy, U.A., Medany, M.A. and **Abou-Hadid, A. F.** 2008. "Effect of using chicken manure for cucumber production in sand culture." *Egypt. J. of Appl. Sci.*, 23 (7), 272-285
192. Attaher, S. M., Medany, M. A. and **Abou-Hadid, A.F.** 2009. "Possible adaptation measures of agriculture sector in the Nile Delta to climate change impacts." *Adv. Sci. Res.*, 3, 123–126, 2009  
<http://www.adv-sci-res.net/3/123/2009/asr-3-123-2009.pdf>,
193. Medany M. A., A. bdrabbo, M. A., Farag, A. A., Hassanien, M. K. and **Abou-Hadid, A.F.** 2009. "Growth and Productivity of Mango Grown under screen net Conditions." *Egyptian Journal of Horticulture* 36 (2), 373-382.
194. **Abou-Hadid, A.F.**, Aboul-Soid, M., Hassanein, M. K., Abo El-Maaty, S. M. and Medany, M. A. 2009. "Vermiculture and Vermicomposting Technology Use in Sustainable Agriculture in Egypt." *Egypt. J. Agric. Res.*, (87): 389-403.
195. Eissa, E.N., El-Behairy, U.A., Zocchi, G., **Abou-Hadid, A.F.** 2009. "Effect of iron and manganese levels on productivity and quality of strawberry grown in water culture." *Egyptian Journal of Horticulture* 36 (2), 359-371  
<http://www.cabdirect.org/abstracts/20113020029.html>
196. Ibrahim, Huda, A., El-Behairy, U. A., EL-Desuki, M., Bakry, M. O. and **Abou-Hadid, A. F.** 2010. "Response of green bean to fertilization with potassium and magnesium." *Research Journal of Agriculture & Biological Sciences*; Nov/Dec 2010, Vol. 6 Issue 6, p834.  
<http://connection.ebscohost.com/c/articles/88858386/response-green-bean-fertilization-potassium-magnesium>
197. **Abou-Hadid, A.F.** 2010. "Climate Change and the Egyptian Agriculture Conundrum." Ninth IDDC international conference on development of dry land: sustainable development in the dry lands- meeting the challenge of global climate change 7 – 10 November 2008 , Alexandria, Egypt, pp 161-170

- 198.Karajeh, F, Rajaram Sanjaya and **Ayman Abou-Hadid**. 2010. "Impact of Climate and World Market Changes on Wheat Production in Nile Valley and sub-Saharan African Region: the Egypt Case Study." Ninth IDDC international conference on development of dry land: sustainable development in the dry lands- meeting the challenge of global climate change 7 – 10 November 2008 , Alexandria, Egypt, pp 311-320
- 199.Mona Younis; **Abou-Hadid, A.F.**, A.H.El Nahry, and H.A Abrelrahman, 2010. "Utilization of Remote Sensing And Geographical Information System For Estimating The Degree Days Units Of The Cotton Leafworm *Spodoptera littoralis*." Ninth IDDC International Conference on Dry Land Development: Sustainable Development In Dry Lands – Meeting The Challenge Of Global Climate Change. 7-10 November 2008, Alexandria, Egypt, pp 428-436.
- 200.El-Behairy, U., and **Abou-Hadid, A.F.** 2010. "The Impact of Green Roof on Global Warming in Urban Areas." Ninth IDDC international conference on development of dry land: sustainable development in the dry lands- meeting the challenge of global climate change 7 – 10 November 2008 , Alexandria,Egypt., pp 867- 874.
- 201.Abdrabbo M.A.A., Khalil, A.A., Hassanein, M.K.K., **Abou-Hadid, A.F.** 2010. "Sensitivity of Potato Yield to Climate Change." Journal of Applied Sciences Research, 6(6): 751-755.  
<http://www.scimagojr.com/journalsearch.php?q=17600155105&tip=sid>
- 202.Abolmaaty, S.M., Hassanein, M.K., Khalil, A.A., **Abou-Hadid, A.F.** 2010. "Impact of Climatic Changes in Egypt on Degree Day's Units and Generation Number for Tomato Leaf miner Moth *Tuta absoluta*, (Meyrick) (Lepidoptera gelechiidae)." Nature and Science 8 (11): 122-129.  
[http://www.sciencepub.net/nature/ns0811/18\\_3767ns0811\\_122\\_129.pdf](http://www.sciencepub.net/nature/ns0811/18_3767ns0811_122_129.pdf)
- 203.**Abou-Hadid, A.F.**, Abdrrabbo, M.A.A., Khalil, A.A., Hassanein, M.K. 2010. "Monitoring Land-Cover in the New Reclaimed Area: A Case Study in EL-Nubaria, Egypt." Nature and Science 8 (12), 115-122.  
[http://www.sciencepub.net/nature/ns0812/15\\_4082ns0812\\_115\\_122.pdf](http://www.sciencepub.net/nature/ns0812/15_4082ns0812_115_122.pdf)
- 204.**Abou-Hadid, A.F.**, Medany, M.A., Abdrrabbo, M., Hassanein, M.K., Farag, A.A. 2010. "Preliminary studies using GIS and field survey to determine land cover in Egypt." Arab Universities Journal of Agricultural Sciences 18 (1), 229-236.  
<http://www.cabdirect.org/abstracts/20103092096.html;jsessionid=B6A6DEF6DF4F5340A14E4C74D20E0DE1>
- 205.Abdrrabbo, A.A, Farag, A.A., Hassanein, M. K., and **Abou-Hadid, A.F.** 2010. "Water consumption of eggplant under different microclimates." J. Biol. Chem. Environ. Sci. 5 (3), 239-255  
<http://www.clac.edu.eg/wp-content/uploads/2014/06/eggplant1.pdf>
- 206.Simonneaux, V., Abdrrabbo, M. A. A., Saleh, S. M., Hassanein, M. K., **Abou-Hadid, A.F.**, Chehbouni, A. 2010." MODIS estimates of annual evapotranspiration of irrigated crops in the Nile delta based on the FAO method: application to the Nile river budget." Proceedings of the SPIE, Volume 7824, pp. 78241S-78241S-8  
<http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=724967>

207. Yones, M.S., Abd ElRahman, H.A., **Abou-Hadid, A.F.**, Arafat, S.M. 2011. "Heat Unit Requirement of Pink Bollworm Pectinophora Gossypiella (Saund.), Egypt." Acad. J. Biolog. Sci., 4(1): 115 – 122.
208. Fahim, M.A., Hassanein, M.K., **Abou-Hadid, A.F.** and Kadah, M.S. 2011. "Impacts of climate change on the widespread and epidemics of some tomato diseases during the last decade in Egypt." Acta Hort. (ISHS) 914:317-320  
[http://www.actahort.org/books/914/914\\_57.htm](http://www.actahort.org/books/914/914_57.htm)
209. Refaie, K.M., Khalil, A.A., Hassanien, M.K., **Abou-Hadid, A.F.** 2011. "Water consumption use under Climate Change in Egypt. Handshake across the Jordan." International Conference, 26.9.-28.9. 2010, Pella, Jordanien: Water and Understanding 10, 277-284  
[http://books.google.com.eg/books?hl=en&lr=&id=2zCpMSemuQsC&oi=fnd&pg=PA277&dq=info:JfCuCLTuVcMJ:scholar.google.com&ots=J2cEypKvE2&sig=NKE07Ud3ciWhsyZtszjtriNpuP0&redir\\_esc=y#v=onepage&q&f=false](http://books.google.com.eg/books?hl=en&lr=&id=2zCpMSemuQsC&oi=fnd&pg=PA277&dq=info:JfCuCLTuVcMJ:scholar.google.com&ots=J2cEypKvE2&sig=NKE07Ud3ciWhsyZtszjtriNpuP0&redir_esc=y#v=onepage&q&f=false)
210. Abdrabbo, M.A.A., Khalil, A.A., Hassanien, M.K., Hashem, F.A., **Abou-Hadid, A.F.** 2011. "Impact of Climate Change on Irrigation Demand for Potato in Egypt." Handshake across the Jordan International Conference, 26.9.-28.9. 2010, Pella, Jordanien: Water and Understanding 10, 191-197  
[http://books.google.com.eg/books?hl=en&lr=&id=2zCpMSemuQsC&oi=fnd&pg=PA191&dq=info:T3w-gIi4IUwJ:scholar.google.com&ots=J2cEypKwA4&sig=qJCAmmdVIKIyb3TE-gisVFDC2fA&redir\\_esc=y#v=onepage&q&f=false](http://books.google.com.eg/books?hl=en&lr=&id=2zCpMSemuQsC&oi=fnd&pg=PA191&dq=info:T3w-gIi4IUwJ:scholar.google.com&ots=J2cEypKwA4&sig=qJCAmmdVIKIyb3TE-gisVFDC2fA&redir_esc=y#v=onepage&q&f=false)
211. Saleh, S. M., Abou-Shleel, S.M., **Abou-Hadid, A.F.** 2012. "Prediction and Adaptation of Dry Bean Yield under Climate Change Conditions." Research Journal of Agriculture and Biological Sciences, 8(2): 147-153,  
<http://www.aensiweb.net/AENSIWEB/rjabs/rjabs/2012/147-153.pdf>
212. Marasco, R., Rolli, E., Ettoumi, B., Vigani, G., Mapelli, F., Borin, S., **Abou-Hadid, A.F.**, El-Behairy, U., Sorlini, C., Cherif, A., Zocchi, G., Daffonchio, D. 2012. "A drought resistance-promoting microbiome is selected by root system under desert farming"  
 Published: Plos-one, October 31, 2012 DOI: 10.1371/journal.pone.0048479  
<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0048479>
213. Yones, M.S., Dahi, H.F., Abdel Rahman, H.A. **Abou-Hadid, A.F.**, Arafat, S.M. 2012. "Using Remote Sensing Technologies and Sex Pheromone Traps for Prediction of the Pink Bollworm, Pectinophora gossypiella (Saund.), Annual Field Generations." Nature & Science; Jul2012, Vol. 10 Issue 7, p6  
<http://connection.ebscohost.com/c/articles/78335653/using-remote-sensing-technologies-sex-pheromone-traps-prediction-pink-bollworm-pectinophora-gossypiella-saund-annual-field-generations>
214. El-Sawy, S.M., Salman, S.R., Abd El-Moniem, E.M., Sawan, M.Omaima, 2012. "Influence of some fertilizer treatments on productivity and fruit quality of strawberries." Journal of Applied Sciences Research, 8(1): 483-490, 2012.  
<http://www.aensiweb.com/old/jasr/jasr/2012/483-490.pdf>

215. Singer, S.M., El-Tanahy, A.M.M., El-Behairy, U.A., **Abou-Hadid, A.F.** 2012. "Influence of different soilless culture systems on cantaloupe growth, productivity and fruit quality under protected cultivation." *Acta Horticulturae* 927: 489-498  
[http://www.actahort.org/books/927/927\\_62.htm](http://www.actahort.org/books/927/927_62.htm)
216. Yones, M.S. Arafat, S. **Abou-Hadid, A.F.**, Abd Elrahman, H.A. Dahi, H.F. 2012. "Determination of the best timing for control application against cotton leaf worm using remote sensing and geographical information techniques." *The Egyptian Journal of Remote Sensing and Space Science* 15 (2), 151-160  
<http://www.sciencedirect.com/science/article/pii/S1110982312000105>
217. Fahim M. A., Hassanein M. K., Khalil A. A., Abolmaty S. M. and 2013. "Climate Change Adaptation Needs for Food Security in Egypt." *Nature and Science* 2013;11(12). 68-74.  
[http://www.sciencepub.net/nature/ns1112/010\\_21338ns1112\\_68\\_74.pdf](http://www.sciencepub.net/nature/ns1112/010_21338ns1112_68_74.pdf)
218. Marasco, R., Rolli, E., Fusi, M., Cherif, A., **Abou-Hadid A. F.**, El-Bahairy, U., Borin, S., Sorlini, C., Daffonchio, D. 2013. "Plant growth promotion potential is equally represented in diverse grapevine root-associated bacterial communities from different biopedoclimatic environments." *BioMed Research International* Volume 2013 Article ID 491091, 17 pages  
<http://www.hindawi.com/journals/bmri/2013/491091/>
219. Abdrabbo, M.A.A., Farag, A.A., Elmorsy, A.T., **Abou-Hadid A. F.**" Mango Irrigation Requirements under Egyptian Climate Change Conditions." *Egypt. J. Agric. Res.*, 91 (3), 2013  
<http://www.clac.edu.eg/wp-content/uploads/2014/03/Mango-Water-Requirements-under-Egyptian-Climate-Change-Conditions.pdf>
220. Hassanein, M.K., Fahim, M.A., Khalil, A.A., Abolmaty, S.M., Refaie, K.M., Taqi, M.O., 2014. "Impact of urbanization on agricultural land losses and climate change Case study: Gharbiah Governorate, Egypt." *Journal of American Science* 10 (1).pp. 99-107  
[http://www.jofamericansscience.org/journals/am-sci/am1001/018\\_21341bam100114\\_99\\_107.pdf](http://www.jofamericansscience.org/journals/am-sci/am1001/018_21341bam100114_99_107.pdf)
221. Fahim, M.A., Kadah, M.S., **Abou-Hadid, A.F.** 2014. "The significance of some ruminant animals as a contributor to livestock national greenhouse gas (GHG) emissions nowadays and in the near future under a changing climate." *World Rural Observations* 6 (1): 60-66  
[http://www.sciencepub.net/rural/rural0601/012\\_22247rural060114\\_60\\_66.pdf](http://www.sciencepub.net/rural/rural0601/012_22247rural060114_60_66.pdf)
222. Farag A.A., Abd Rabbo, A. A.M. Kadah, M. S., and **Abou-Hadid, A.F.** 2015. "Impact of climate change on irrigation water demand for rice crop in kafr el-sheikh governorate, egypt." *Global Journal of Advanced Research*. Vol-2, Issue-6 PP. 975-988
223. Farag, A.A., Abd Rabbo, M. A., Manal, M.H., Gad EL-Moula., **Abou-Hadid, A.F.** 2015. "Water requirements for potato production under climate change." *Global Journal of Advanced Research*. Vol-2, Issue-9 PP. 1357-1375  
<http://www.gjar.org/publishpaper/vol2issue9/d287r90.pdf>
224. Singer S. M., Hamza, A.E., Abd El-Samad, E.H., Sawan , Omaima. M., El-Behairy, U.A., and **Abou-Hadid, A.F.** 2015. "Growth, Yield and Mineral Contents of Lettuce

Cultivars Grown in Nutrient Film Technique (NFT) at Different Transplanting Dates." Research Journal of Pharmaceutical, Biological and Chemical Sciences 6 (1) 172: 183.

[http://www.rjpbc.com/pdf/2015\\_6\(1\)/\[25\].pdf](http://www.rjpbc.com/pdf/2015_6(1)/[25].pdf)

225. **Abou-Hadid, A. F.**, Mohamed, A. A. A., Ahmed, M. S. M., Abdrabbo, M. A. A. 2015. "Trend of Change in Cultivated Area and Water Budget for Major Crops in Egypt using GIS and Field Survey Technique." Journal of Agricultural Informatics Vol. 6 (3)42-56

[http://real.mtak.hu/29901/1/199\\_1017\\_1\\_PB\\_u.pdf](http://real.mtak.hu/29901/1/199_1017_1_PB_u.pdf)

226. Abou Hadid A.F.; M.M. Ali; U.A.A. El-Behairy; A.M.A. Morsy and M.M. Elmalihi (2016) "RETENTION OF ZN, PB, CU AND CD METAL IONS ONTO SEWAGE IRRIGATED SOIL" Arab Univ.J. Agric. Sci., Ain Shams Univ., Cairo, 24(2), 535-545  
[https://ajs.journals.ekb.eg/article\\_14352\\_e662e1a2ba7409a4ceb6311be2191992.pdf](https://ajs.journals.ekb.eg/article_14352_e662e1a2ba7409a4ceb6311be2191992.pdf)

227. Fatma, K. El-Tokhy; Tantawy, A.S.; EL-Shinawy, M.Z. and A.F. Abou-Hadid, (2018). Effect of Sugar Beet Molasses and Fe-EDHHA on Tomato Plants Grown Under Saline Water Irrigation Condition. Arab Univ,J.Agric.Sci.(AUJAS), Ain Shams univ., Cairo,Egypt. Special Issue,26 (2D)2297-2310.  
[https://ajs.journals.ekb.eg/article\\_35344\\_a1fc21335784374d475b7cae5492761c.pdf](https://ajs.journals.ekb.eg/article_35344_a1fc21335784374d475b7cae5492761c.pdf)

228. Salama B.L.; Abou-Hadid A.F.; Abdelhamid N .and M. Z. El-Shinawy. (2018) EFFECT OF PRUNNING PATTERN AND SOIL MULCHING ON YIELD AND QUALITY OF KEITT MANGO IN NEW RECLAIMED LANDS .Arab Univ. J. Agric. Sci., Ain Shams Univ., Cairo, 26 (1), 147-159.  
[https://ajs.journals.ekb.eg/article\\_13900\\_a6da36aad5d0fb6c54d576f17b5a6ee1.pdf](https://ajs.journals.ekb.eg/article_13900_a6da36aad5d0fb6c54d576f17b5a6ee1.pdf)

229. Asmaa A. Khater, Abou-Hadid A.F., El-Behairy U.A., Aboelghar M.A. and Ali A.M. (2019) "STUDYING RAIN WATER CATCHMENT POTENTIALITIES IN THE NORTHWEST COAST OF EGYPT USING REMOTE SENSING AND GEOGRAPHIC INFORMATION SYSTEM." Arab Univ. J. Agric. Sci., Ain Shams Univ., Cairo, Egypt. 27 (3), 1955-1966,  
[https://ajs.journals.ekb.eg/article\\_76135\\_27c102d8f4d7e0e1c5c3090a6c7ccce0.pdf](https://ajs.journals.ekb.eg/article_76135_27c102d8f4d7e0e1c5c3090a6c7ccce0.pdf)

230. Hend M. Nassar, El-Shinawy M.Z., El-Behairy U.A. and Abou-Hadid A.F. (2019) ESTIMATION OF CROP COEFFICIENT FOR ONION PLANT UNDER DELTA NILE CONDITIONS. Arab Univ. J. Agric. Sci., Ain Shams Univ. 27(5), 2653-2661.  
[https://ajs.journals.ekb.eg/article\\_83193\\_b7d3480c20d9a41a4656c3ed03a55518.pdf](https://ajs.journals.ekb.eg/article_83193_b7d3480c20d9a41a4656c3ed03a55518.pdf)

231. Khalill M.H., Abou-Hadid A.F., Abd Rabou R.Th., Abd Al-halim S.H. and AbdEl-Maaboud M.Sh. (2019) "RESPONSE OF TWO MAIZE CULTIVARS (*Zea mays L.*) TO ORGANIC MANUR AND MINERAL NANO NITROGEN FERTILIZER UNDER SIWA OASIS CONDITIONS" 14th Conf. Agric. Develop. Res., March, 2019, Cairo, Egypt, AUJASCI Special Issue, 27(1), 299 - 312, 2019  
[https://journals.ekb.eg/article\\_43527\\_95fafc34070db7b065ac3e3e0e657bdb.pdf](https://journals.ekb.eg/article_43527_95fafc34070db7b065ac3e3e0e657bdb.pdf)

- 232.Saadony HA, ElDoudou KA, Abou-Hadid A.F., and Thabet SD (2019)"Biochemical thereby of micro organisms contaminated production line for some product foods using Olea europaea leaves extract" Arab Univ. J. Agric. Sci., Ain Shams Univ. special issue 27 (1) 185-192, 2019  
[https://ajs.journals.ekb.eg/article\\_43341\\_48a29d3782f2b7a9dc7301bd3dc0c8db.pdf](https://ajs.journals.ekb.eg/article_43341_48a29d3782f2b7a9dc7301bd3dc0c8db.pdf)
233. Sabra, D.M., Olfat, H.E.-B., El Habasha, S.F., (...), El-Housini, E.A., Abou-Hadid, A.F. 2019 "Response of growth characters, yield and yield attributes of groundnut (ARACHIS HYPOGAEA L.) cultivars to some micronutrients foliar spraying application" Plant Archives 19, pp. 1896-1903.  
[http://plantarchives.org/SPL%20ISSUE%20SUPP%202,2019/331%20\(1896-1903\).pdf](http://plantarchives.org/SPL%20ISSUE%20SUPP%202,2019/331%20(1896-1903).pdf)
- 234.**M.M. Meligy , M.Z. El-Shinawy U.A. El-Behairy and A.F. Abou-Hadid (2020) Impact of Climate Change on Water Requirements and The Productivity on Potato Crop. *Egypt. J. Hort.* Vol. 47, No. 1. pp. 57-68  
[https://journals.ekb.eg/article\\_90113\\_9714761cec906e9997e757b6b9e8af6f.pdf](https://journals.ekb.eg/article_90113_9714761cec906e9997e757b6b9e8af6f.pdf)
- 235.Sabra, D.M., Olfat, H.E.-B., El Habasha, S.F., (...), El-Housini, E.A., Abou-Hadid, A.F. 2020 "Effect of some micronutrients foliar application on chemical characters of two groundnut cultivars" Plant Archives 20, pp. 1367-1376 [http://www.plantarchives.org/SPECIAL%20ISSUE%202020-1/120\\_1367-1376.pdf](http://www.plantarchives.org/SPECIAL%20ISSUE%202020-1/120_1367-1376.pdf)
- 236.Islam A.A. Ali, Abou-Hadid, A.F., Sohier E. Hassan, Abdelhafez A.A.M., and Hewidy M., (2020) "Effect of growing medium, fertilization, and biostimulant treatment treatments on growth and flowering of potted gerbera (Gerbera jamesonii cv jaguar yellow)" Arab Univ. J. Agric. Sci., Ain Shams Univ. 28(3), 2020  
[https://ajs.journals.ekb.eg/article\\_117852\\_0.html](https://ajs.journals.ekb.eg/article_117852_0.html)

## Books:-

1. Maria Pia Ragionieri., **Abou-Hadid, A.F.** 2007. Le Biotechnologie Nel Settore Agroalimentare "L'Iniziativa Del Mercato Verde" Fra L'Egitto E L'Italia.
2. I. Manakos., C. Kalaitzidis., **A. Abou-Hadid.**, A.El-Dessouki., M. Elhag., G. Petropoulos., U. El-Behairy., S. Arafat., K Manevski "Geo-information in Agriculture" A Handbook for Geo-information Applications in Agricultural management.
3. شارك الاستاذ الدكتور ايمان فريد ابو حديد وآخرون في إعداد كتاب بعنوان " تكنولوجيا الزراعة المحمية" – كلية الزراعة – جامعة عين شمس .
4. شارك الاستاذ الدكتور ايمان فريد ابو حديد وآخرون عام 1994 في إعداد كتاب بعنوان " محاضرات في الزراعة المحمية " (الجزء الأول – الجزء الثاني) الصادر عن وزارة الزراعة واستصلاح الأراضي – مشروع الزراعة المحمية.
5. كتاب "تقييم أهم عناصر الانتاج الزراعي والحيواني ووسائل الدعم المتاحة وإمكانية الدعم الذكي" للاستاذ الدكتور أيمان فريد أبو حديد - الصادر عن مركز الامن الغذائي – ابوظبي في عام 2013 .
6. كتاب زراعة الاسطح في مصر. منظمة الأغذية والزراعة "FAO" 2010 وأعيد الطبع 2015

## Convener:-

1. **Abou-Hadid, A.F.**, Sansavini, S., Janick, J. 2002. "International Symposium on Mediterranean Horticulture: Issues and Prospects." Acta Horticulturae 582  
<http://www.actahort.org/books/582/>
2. **Abou-Hadid, A. F.** 2003. "International symposium on the horizons of using organic matter and substrates in horticulture." Acta horticulturae magazine  
<http://www.actahort.org/books/608/>
3. **Abou-Hadid, A.F.**, Smith, A.R. 1993. "Symposium on soil and soilless media under protected cultivation in mild winter climates." Acta Horticulturae. 323.  
<http://www.actahort.org/books/323/>
4. **Abou-Hadid, A.F.**, Jones, R.A. 1996. " Strategies for Market Oriented Greenhouse Production" Acta Horticulturae 434.  
<http://www.actahort.org/books/434/>

## **Editor:-**

1. **Abou-Hadid, A.F.**, Richard A.J. 1996. "International Symposium on Strategies for Market Oriented Greenhouse Production." (1995: Alexandria, Egypt).  
<http://agris.fao.org/agris-search/search.do?recordID=US201300309943>
2. **Abou-Hadid, A. F.** 2003. "International symposium on the horizons of using organic matter and substrates in horticulture." Acta horticulturae magazine  
<http://www.actahort.org/books/608/>
3. **Abou-Hadid, A.F.**, Smith, A.R. 1993. "Symposium on soil and soilless media under protected cultivation in mild winter climates." Acta Horticulturae. 323.  
<http://www.actahort.org/books/323/>
4. Moustafa, A.T., A. Al-Mohammadi, **A. Abou-Hadid** and J.M. Peacock. 1998. Protected Agriculture in the Arabian Peninsula. Summary Proceedings of an international Workshop, 15-18 February 1998, Doha, Qatar. International Center for Agricultural Research in the dry Areas, Aleppo, Syria. X+ 104pp.
5. **Ayman Abou-Hadid.**, Eleni Maloupa. 1999. "Soilles Culture in the Mediterranean Region. " Proceeding of the First Metting of the FAO thematic Working Group of Soilless Culture.

## Chapter in book:-

1. **Abou-Hadid, A.F.**, 2001. "Background on Vegetable Seed Production in the Near East And North Africa (NENA) Region" Chapter in "Expert Consultation on The Status Of Seen Prouduction of Vegetable Crops in the Near East And North Africa Region" 2002. Pp. 1-30.
2. **Abou-Hadid, A.F.**, 2003. "The use of saline water in agriculture in the near east and north Africa region: present and future" chapter in "Crop Production in Saline Environments. " Pp.299-323 Eds. Sham S. Goyal., Surinder k. Sharma., D. William Rains.
3. **Abou-Hadid, A.F.**, 2014. "Impact of Climate change on food Security" Chapter 5 pp.130-155 in "Arab Environment.7 Food Security Challenges And Prospects. " Eds. Abdul-Karim Sadik., Mahmoud El-Solh., Najib Saab  
<http://www.afedonline.org/en/inner.aspx?contentID=1076>
4. **Abou-Hadid, A.F.**, 2009. "Arab Environment. Climate Change. Impact of Climate change on Arab countries. Report of Arab Forum for Environment and Development." Arab Environment: Impact of Climate Change on the Arab Countries' (AFED) Report Eds Mostafa K.Tolba and Najib W. Saab.  
<http://www.afedonline.org/afedreport09>
5. **Abou-Hadid, A.F.** 2013. "Protected cultivation for improving water-use efficiency of vegetable crops in the NENA region." Chapter 7 In: Good Agricultural Practices for greenhouse vegetable crops: Principles for Mediterranean climate areas. FAO plant production and protection paper 217, 2013 pp 137- 149  
<http://www.fao.org/3/a-i3284e.pdf>
6. **Abou-Hadid, A.F.** 2014. "Infrastructure and agro-food logistics in Egypt" chapter in "Logistics and Agro-Food Trade. A Challenge for the Mediterranean" ISSN 365-376  
[http://www.cairn.info/resume.php?ID\\_ARTICLE=SCPO\\_CIHEA\\_2014\\_02\\_0365](http://www.cairn.info/resume.php?ID_ARTICLE=SCPO_CIHEA_2014_02_0365)
7. **Abou-Hadid, A. F.** 2007. "Farm level production obstacles of horticultural commodities in the NENA region". ICARDA-IFAD Expert Consultation/Workshop. 13-15th March 2007  
[http://www.researchgate.net/profile/Ayman\\_Abou\\_Hadid2/publication/242532510\\_Farm\\_level\\_production\\_obstacles\\_of\\_horticultural\\_commodities\\_in\\_the\\_NENA\\_region/links/0a85e53090a1747c87000000](http://www.researchgate.net/profile/Ayman_Abou_Hadid2/publication/242532510_Farm_level_production_obstacles_of_horticultural_commodities_in_the_NENA_region/links/0a85e53090a1747c87000000)
8. Chapter 11 Climate Change and Food Security in the Nile Valley and Red Sea  
**Ayman F. Abou Hadid.**, M.V.K. Sivakumar et al. (eds.), Climate Change and Food Security in West Asia and North Africa,  
DOI 10.1007/978-94-007-6751-5\_11, © Springer Science Business Media Dordrecht 2013  
[http://download.springer.com/static/pdf/946/chp%253A10.1007%252F978-94-007-6751-5\\_11.pdf?originUrl=http%3A%2F%2Flink.springer.com%2Fchapter%2F10.1007%2F978-94-007-6751-5\\_11&token2=exp=1445771121~acl=%2Fstatic%2Fpdf%2F946%2Fchp%25253A10.1007%25252F978-94-007-6751-5\\_11.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Fchapter%252F10.1007%252F978-94-007-6751-5\\_11~hmac=d585e9e8ce6e5e9ae7d472fb947873b8d3b5425730926e770871ec70ad69933](http://download.springer.com/static/pdf/946/chp%253A10.1007%252F978-94-007-6751-5_11.pdf?originUrl=http%3A%2F%2Flink.springer.com%2Fchapter%2F10.1007%2F978-94-007-6751-5_11&token2=exp=1445771121~acl=%2Fstatic%2Fpdf%2F946%2Fchp%25253A10.1007%25252F978-94-007-6751-5_11.pdf%3ForiginUrl%3Dhttp%253A%252F%252Flink.springer.com%252Fchapter%252F10.1007%252F978-94-007-6751-5_11~hmac=d585e9e8ce6e5e9ae7d472fb947873b8d3b5425730926e770871ec70ad69933)

## Reports:-

1. **Abou-Hadid, A.F.** 1998. "State of the art of protected agriculture in the Arabian Peninsula: overview of protected agriculture in the Arabian Peninsula." Doha (Qatar), 15-18 Feb 1998.  
<http://agris.fao.org/agris-search/search.do?recordID=QV2000000017>
2. **Abou-Hadid A.F.**, Kamal H Batanouny., Amer S Jabarine., Adel A Kader. 2004. "Proposal for expanding the crop mandate of ICARDA to include horticultural crops"  
<http://agris.fao.org/aos/records/QV2004000017?output=xml>
3. **Abou-Hadid, A. F.** 2006. "Water use efficiency in egypt." AARINENA Water Use Efficiency Network, 38.  
[https://www.google.com.eg/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&ved=0CBsQFjAAahUKEwiX95Xw0c7IAhXHs3IKHQ\\_8AQM&url=https%3A%2F%2Fapps.icarda.org%2FwsInternet%2FwsInternet.asmx%2FDownloadFileToLocal%3FfilePath%3DResearch\\_publications\\_archive%2FWater%2FAARINENA.pdf%26fileName%3DAARINENA.pdf&usg=AFQjCNGjW0xremwJu\\_qgQQaZIVrhJ7Iiw&bvm=bv.105454873,d.bGQ&cad=rja](https://www.google.com.eg/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&ved=0CBsQFjAAahUKEwiX95Xw0c7IAhXHs3IKHQ_8AQM&url=https%3A%2F%2Fapps.icarda.org%2FwsInternet%2FwsInternet.asmx%2FDownloadFileToLocal%3FfilePath%3DResearch_publications_archive%2FWater%2FAARINENA.pdf%26fileName%3DAARINENA.pdf&usg=AFQjCNGjW0xremwJu_qgQQaZIVrhJ7Iiw&bvm=bv.105454873,d.bGQ&cad=rja)
4. **Abou-Hadid, A. F.** 2006. 4.1 Characteristics of Irrigated Agriculture with Emphasis on Water-Use Efficiency in Egypt. Water Benchmarks, 81.  
[http://www.icarda.org/wli/pdfs/BenchmarkSeries/1-BenchmarkReport\\_No1.pdf](http://www.icarda.org/wli/pdfs/BenchmarkSeries/1-BenchmarkReport_No1.pdf)
5. **Abou-Hadid, A. F.** 2006. High value products for smallholder markets in west Asia and north Africa trends, opportunities and research priorities ISSN 210-219  
[http://www.fao.org/docs/eims/upload/210990/regional\\_WANA.pdf](http://www.fao.org/docs/eims/upload/210990/regional_WANA.pdf)
6. **Abou-Hadid, A. F.**, Mougou, R., Mokssit, A., Iglesias, A. 2006. "Assessment of impacts, adaptation and vulnerability to climate change in North Africa: food production and water resources." A Final Report Submitted to Assessments of Impacts and Adaptations to Climate Change (AIACC), Project No. AF 90 (Washington, D.C.: International START Secretariat, 2006).  
[http://www.start.org/Projects/AIACC\\_Project/Final%20Reports/Final%20Reports/FinalRept\\_AIACC\\_AF90.pdf](http://www.start.org/Projects/AIACC_Project/Final%20Reports/Final%20Reports/FinalRept_AIACC_AF90.pdf)
7. Medany, M., Samar, M.A., **Abou-Hadid, A.F.** 2009. "Adaptation of agriculture sector in the Nile Delta at farm level"  
[http://www.adagio-eu.org/documents/symposium/51\\_M\\_Medani\\_adaptation\\_farm\\_level\\_Egypt.pdf](http://www.adagio-eu.org/documents/symposium/51_M_Medani_adaptation_farm_level_Egypt.pdf)
8. Raoudha Mougou, **Ayman Abou-Hadid**, Ana Iglesias, Mahmoud Medany, Amel Nafti, Riadh Chetali, Mohsen Mansour, Helmy Eid ,P 181, Adapting dryland and irrigated cereal farming to climate change in Tunisia and Egypt  
<http://books.google.com.eg/books?hl=en&lr=&id=qW2n7P54jkEC&oi=fnd&pg=P>

[A181&dq=info:hBWIwWTLR4UJ:scholar.google.com&ots=J4VGdt6KHF&sig=ZPki0M5zMVMgREaTVKvmyALunpY&redir\\_esc=y#v=onepage&q&f=false](https://scholar.google.com/ht-pdf?hl=en&as_q=A181&as_dq=info:hBWIwWTLR4UJ:scholar.google.com&ots=J4VGdt6KHF&sig=ZPki0M5zMVMgREaTVKvmyALunpY&redir_esc=y#v=onepage&q&f=false)

9. **Abou-Hadid, A. F.**, John A Raven. 1993. "Review of The vegetation of Egypt, by MA Zahran, AJ Willis and Concepts of symbiogenesis. A historical and critical study of the research of Russian botanists, by LN Khakhina." Annals of Botany 72 (4), 385-386.  
<http://aob.oxfordjournals.org/content/72/4/385.full.pdf>.
10. Neil Leary, James Adejuwon, Vicente Barros, Punsalmaa Batimaa, Bonizella Biagini, Ian Burton, Suppakorn Chinvanno, Rex Cruz, Daniel Dabi, Alain de Comarmond, Bill Dougherty, Pauline Dube, Andrew Githeko, **Ayman Abou Hadid**, Molly Hellmuth, Richard Kangalawe, Jyoti Kulkarni, Mahendra Kumar, Rodel Lasco, Melchior Mataki, Mahmoud Medany, Mansour Mohsen, Gustavo Nagy, Momodou Njie, Jabavu Nkomo, Anthony Nyong, Balgis Osman, Elamin Sanjak, Roberto Seiler, Michael Taylor, Maria Travasso, Graham von Maltitz, Shem Wandiga and Monica Wehbe, 5/2007, A stitch in time: lessons for climate change adaptation from the AIACC project.  
[http://www.start.org/Projects/AIACC\\_Project/working\\_papers/Working%20Papers/AIACC\\_WP48\\_Leary\\_et.al.pdf](http://www.start.org/Projects/AIACC_Project/working_papers/Working%20Papers/AIACC_WP48_Leary_et.al.pdf)
11. Wilfried Schnitzler, Cherubino Leonardi, Yüksel Tüzel, Usama El Behairy, Mahmoud Medany, **Ayman Abou-Hadid**, Abdelhaq Hanafi, Fatiha Fort, Jean Marie Codron, Martine Padilla, Florence Jacquet, Philippe Le Grusse, Selma Tozanli, Bénédicte Oberti, Muien Qaryouti, Helmut Junge. 2007. "Efficient water use through environmentally sound hydroponic production of high quality vegetables for domestic and export markets in Mediterranean countries: final report". UE;Union Européenne. 2007, 156 p.  
<https://hal.archives-ouvertes.fr/hal-01172889/>

## خامساً: النشرات الارشادية.

1. نباتات الاصص الورقية تحت الصوب البلاستيكية.
2. اعداد الارض للزراعة .
3. إنتاج الخضر فوق اسطح المنازل.
4. انتاج الاسماك فوق الاسطح.
5. التهوية والتبريد والتدفئة في الصوبات البلاستيكية.
6. انتاج القرنفل تحت الصوب البلاستيكية.
7. انتاج الكتالوب تحت الصوب البلاستيك.
8. البنية الاساسية ونظم الرى في الزراعة المحمية .
9. تسميد محاصيل الخضر تحت نظام الرى بالتنقيط.
10. الدليل المصور للتعریف لام انواع نباتات الزينة البرية والمتداولة في التجارة الدولية.
11. التقنيات الحديثة في تدوير المخلفات العضوية.
12. الركائز الاساسية للبرنامج القومى لتعظيم الاستفادة من المياه في الاراضى القديمة.
13. تكنولوجيا التطعيم في الخضر.
14. انتاج الطماطم تحت الصوب البلاستيكية .
15. انتاج الخيار تحت الصوب البلاستيكية .
16. انتاج الفلفل تحت الصوب البلاستيكية.
17. انتاج شتلات الخضر للزراعات المحمية .
18. اشرف على إعداد دليل بداول بروميد الميثيل في مصر.
19. التغيرات المناخية وأثرها على قطاع الزراعة في مصر وكيفية مواجهتها.