

Europass Curriculum Vitae



Personal information

First name(s) / Surname **Andrew Francis Fieldsend**
Address Agrárgazdasági Kutató Intézet. H-1093 Budapest, Zsil utca 3-5., Hungary
E-mail andrew.fieldsend@aki.gov.hu
Website www.fieldsend.eu
Telephone +36 1476 3292
Nationality British
Gender Male

Work experience

<p>Dates March 2009 to date</p> <p>Occupation or position held Head of International Department (since June 2011)</p> <p>Main activities and responsibilities</p>	<ul style="list-style-type: none"> • Editor-in-Chief of the TR™ Web of Science™ journal <i>Studies in Agricultural Economics</i>; • Point of contact within AKI for international research networks, including the European Rural Development Network, and projects, including European Union (EU) H-2020 and the FAO; • Representing Hungary in the SCAR Collaborative Working Group on Agricultural Knowledge and Innovation Systems (producers, research, extension, education, support systems); • Tracking EU agricultural policy developments, making analyses and prognoses, and based on these, providing advice and recommendations to agricultural policy decision makers.
<p>Name and address of employer Research Institute of Agricultural Economics (AKI), 1093 Budapest, Zsil u. 3-5., Hungary</p> <p>Type of business or sector Government research institute</p>	
<p>Dates July 2012 to March 2013</p> <p>Occupation or position held International Consultant in Rural Development</p> <p>Main activities and responsibilities</p>	<ul style="list-style-type: none"> • Management of the FAO project <i>Capacity Development of Agricultural Technology Transfer Centres and extension services, for rural diversification projects in Albania</i>. (part-time post).
<p>Name and address of employer FAO Regional Office for Europe and Central Asia, 1068 Budapest, Benczúr u. 34, Hungary</p> <p>Type of business or sector International agency</p>	
<p>Dates February 2008 to September 2010</p> <p>Occupation or position held Scientific Coordinator, EU Framework 7 project <i>RuralJobs</i></p> <p>Main activities and responsibilities</p>	<ul style="list-style-type: none"> • The project quantified the employment needs and potentials in different types of rural areas across Europe and provided guidelines on the better targeting of future rural development measures. I was responsible for ensuring the deliverables of the research were achieved to the required scientific standard, on time and within budget. (part-time post).
<p>Name and address of employer University of Plymouth, School of Geography, 8-11 Kirby Place, Plymouth, PL4 8AA, UK</p> <p>Type of business or sector University</p>	

Dates	April 2003 to January 2011
Occupation or position held	Senior Researcher
Main activities and responsibilities	<ul style="list-style-type: none"> • Director of the <i>Cross-Border Centre of Expertise in Rural Development</i>, a 'community of practice' with the objective of encouraging academic-practitioner dialogue and cooperation; • Writing international research project proposals and managing international research projects, developing international links, improving the standard of scientific publications and some teaching (since March 2009 on a part-time contract).
Name and address of employer	University of Debrecen Centre of Agricultural Sciences and Engineering, Institute of Land Use, Technology and Regional Development, 4032 Debrecen, Böszörményi út 138., Hungary
Type of business or sector	University
Dates	January 2002 - January 2008
Occupation or position held	Development Manager, WayMark-Essex (to March 2003); International Development Manager
Main activities and responsibilities	<ul style="list-style-type: none"> • Set up <i>WayMark-Essex</i> as a point of contact for rural businesses seeking advice, funding, training and other support; • Prepared and implemented crop science and rural development projects: <ul style="list-style-type: none"> ○ Component leader in the Interreg IIIC project <i>Rural Innova</i>; ○ Participant in the Interreg IIIC project <i>Praxis - Making Rural Entrepreneurship Work</i>; ○ Supervised the KEEP project <i>Facilitating the international mobility of workers in the agricultural sector</i>; • Concluded Erasmus exchange agreements with University of Debrecen, Szent István University, Hungary, Slovak University of Agriculture and Lithuanian University of Agriculture.
Name and address of employer	Writtle College, Lordship Road, Writtle, Chelmsford, CM1 3RR, UK
Type of business or sector	Higher Education Institution
Dates	October 2001 - December 2001
Occupation or position held	Assistant Brewer
Main activities and responsibilities	<ul style="list-style-type: none"> • Assisted with all aspects of the brewing process.
Name and address of employer	Mighty Oak Brewing Company Ltd., 14b West Station Yard, Spital Road, Maldon, CM9 6TW, UK
Type of business or sector	Commercial brewery
Dates	January 2001 - September 2001
Occupation or position held	Student
Main activities and responsibilities	<ul style="list-style-type: none"> • Completed my PhD thesis. Acquired up-to-date IT skills via a range of courses including ECDL, website design and production of publications.
Name and address of employer	TBG Learning, Chelmsford, Essex, UK
Type of business or sector	Education
Dates	July 1999 - December 2000
Occupation or position held	Barley Breeder and Operations Manager
Main activities and responsibilities	<ul style="list-style-type: none"> • Management of the Plant Breeding Station and of the winter barley breeding programme.
Name and address of employer	Semundo Ltd., Grange Farm, Abbots Ripton, Huntingdon, PE28 2PH, UK
Type of business or sector	Commercial seedsmen
Dates	March 1987 - June 1999
Occupation or position held	Research Manager
Main activities and responsibilities	<ul style="list-style-type: none"> • Set up and managed Scotia's plant research station at Writtle College. My research results allowed Scotia to reformulate its products, achieving an <i>18% saving in manufacturing costs</i>; • Provided technical support to farmers to stimulate innovation in crop production; • Managed public-private sector funded research programmes in biochemistry, molecular biology and plant transformation at the IACR-Rothamsted and Long Ashton (University of Bristol) Research Stations, supervising work which sequenced the $\Delta 6$ desaturase gene from borage and used it to transform evening primrose in order to improve its seed oil quality.
Name and address of employer	Scotia Pharmaceuticals Ltd., Scotia House, Castle Business Park, Stirling, FK9 4TZ, UK
Type of business or sector	Commercial pharmaceutical company

Dates	January 1986 - March 1987
Occupation or position held	Research Officer
Main activities and responsibilities	<ul style="list-style-type: none"> Plant breeding and agronomy research on evening primrose and borage. I bred the first borage cultivar (PENNY) to retain its seed at maturity. Located at the University of Bath.
Name and address of employer	Efamol Ltd., Woodbridge Meadows, Guildford GU1 1BA, UK.
Type of business or sector	Commercial health supplement company
Dates	July 1983 - December 1985
Occupation or position held	Protein and Oilseed Crops Breeder
Main activities and responsibilities	<ul style="list-style-type: none"> Bred evening primrose and lupins. My evening primrose cultivar MERLIN was the first to produce average seed yields of 1 t ha⁻¹ and individual crop yields of over 2 t ha⁻¹.
Name and address of employer	Hurst Gunson Cooper Taber Ltd., Witham, UK
Type of business or sector	Commercial seedsmen
Dates	March 1983 - June 1983
Occupation or position held	Assistant Research Officer
Main activities and responsibilities	<ul style="list-style-type: none"> Assistance with veterinary diagnoses.
Name and address of employer	MAFF Veterinary Investigation Centre, Riseholme, Lincoln, UK
Type of business or sector	Government advisory service
Dates	August 1978 - September 1982
Occupation or position held	Assistant Sugar Beet Breeder
Main activities and responsibilities	<ul style="list-style-type: none"> Assisted with the sugar beet breeding programme.
Name and address of employer	Anglo-Maribo Seed Co. Ltd., Potterhanworth, LN4 2DY, UK
Type of business or sector	Commercial seedsmen
Dates	August 1976 - September 1977
Occupation or position held	Trainee Plant Breeder
Main activities and responsibilities	<ul style="list-style-type: none"> Assisted mainly with the winter wheat and spring barley breeding programmes.
Name and address of employer	Miln-Masters Group Ltd., Kings Lynn, UK
Type of business or sector	Commercial seedsmen

Education and training

Dates	1995 - 2000
Title of qualification awarded	PhD in Applied Biology
Principal subjects/occupational skills covered	<ul style="list-style-type: none"> Thesis title: 'Productivity, Canopy Development and Resource Use in Evening Primrose (<i>Oenothera</i> spp.) Crops'. My research included studies on light capture, water use and assimilate partitioning and impacts of the environment on seed oil content and quality.
Name and type of organisation providing education and training	University of Essex, Colchester, UK
Level in national or international classification	ISCED 6
Dates	1993 - 1994
Title of qualification awarded	MSc in Crop Production in the Changing Environment
Principal subjects/occupational skills covered	<ul style="list-style-type: none"> Studies included crop physiology and climate change.
Name and type of organisation providing education and training	University of Essex, Colchester, UK
Level in national or international classification	ISCED 6, with Distinction
Dates	1974-1978

Title of qualification awarded	BSc in Agricultural Botany
Principal subjects/occupational skills covered	<ul style="list-style-type: none"> Plant breeding and genetics, plant pathology, plant physiology, ecology and tropical crops.
Name and type of organisation providing education and training	University of Reading, UK
Level in national or international classification	ISCED 5, Second Class Division 1
Personal skills and competences	
Mother tongue	English
Other languages	German (conversational), French (conversational), Hungarian (basic)
Social skills and competences	<ul style="list-style-type: none"> Team work and mediating skills: I am able to make compromises, and am patient, adaptable, helpful, tolerant, reliable and responsible; Intercultural skills: I have travelled widely; countries visited: Albania, Austria, Belarus, Belgium, Bosnia, Canada, Croatia, Czech Republic, Denmark, Egypt, Eire, England, Estonia, Fiji, Finland, France, Georgia, Germany, Greece, Hungary, India, Italy, Latvia, Lichtenstein, Lithuania, Luxemburg, Malta, the Netherlands, New Zealand, Norway, Poland, Portugal, Russia, Scotland, Serbia, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine, United States and Wales.
Organisational skills and competences	I am an innovative, organised person who will work on his own initiative. My career in the commercial sector and latterly in coordinating international projects has given me experience of setting and achieving targets, producing and managing budgets, and personnel management.
Technical skills and competences	In addition to rural development research and applied plant research skills, I have teaching and publishing experience and extensive IT training.
Computer skills and competences	<ul style="list-style-type: none"> Microsoft Office suite, Internet browsers, Ms Frontpage, Ms Publisher; Jandel SigmaPlot, Adobe PageMaker, Adobe Acrobat, Adobe InDesign; HTML, HTML editing programs, website creation.
Teaching skills and competences	At the University of Debrecen I wrote and delivered the following module (28 hours contact time) - Writing project proposals (a review of EU funding in the period 2007-2013, EU regional territorial development strategy, NUTS nomenclature, project writing terminology, principles of preparing a project proposal, evaluating project proposals (with practical example), how to present information about a call for funding (practical exercise), how to write an application for a scholarship (practical exercise), lateral thinking, project cycle management, logical frameworks, team building (exercise), the Lisbon agenda and Göteborg strategy, the European Research Area, how to respond to an EU consultation exercise, how to write an EU-compliant CV, the Bologna Process, how to read and write scientific papers and writing a project proposal (practical example)). I have also given guest lectures in rural development, new crop development, plant breeding and genetics, and plant physiology.
Other skills and competences	<ul style="list-style-type: none"> Panel moderator at the FAO Global Forum and Expo on Family Farming, Budapest, 2014; Invited speaker at numerous international scientific conferences; Expert evaluator of Framework 7 and Horizon 2020 research project proposals for the EU; Research project assessor for the Croatian Ministry of Science, Education and Sports; Scholarship application evaluator for the Visegrad Fund Scholarship Programme; Proof reader of academic research papers prior to publication; Member of the Editorial Boards of several international journals (since 2005).
Driving licence	Clean UK driving licence for cars since 1974; fork lift truck licence since 2000.
Additional information	<ul style="list-style-type: none"> ORCID ID: http://orcid.org/0000-0002-9297-5870; Details of contact persons, references, etc. available on request; Example personal interest: Restoring a pre- World War II double deck trolleybus recovered from a scrap yard to fully operational condition (see www.cleethorpes54.org.uk).
Annex	Selected commissioned works and peer reviewed papers.

Selected commissioned works and peer reviewed papers

Commissioned works:

Books and book chapters:

FEHÉR, I., LEHOTA, J., LAKNER, Z., KENDE, Z., BÁLINT, Cs., VINOGRADOV, S. and **FIELDSEND, A.** (2016): Production Potential of Kazakhstan, in S. Gomez y Paloma, S. Mary, S. Langrell and P. Ciaian (eds), *The Eurasian Wheat Belt and Food Security: Global and Regional Aspects*. Basel: Springer International.

FIELDSEND, A.F. (2014): Putting rural at the centre of the European Union's cohesion and enlargement policy. In P. Balázs (ed.), *A European Union with 36 Members? Perspectives and Risks*. Budapest: Center for EU Enlargement Studies, 81-109.

FIELDSEND, A.F. and SINGH, H.P. (2013): Biofuel crops, ecosystem services and biodiversity. In: B.P. Singh (ed.), *Biofuel Crop Sustainability*. Hoboken NJ: Wiley-Blackwell, 357-382.

FIELDSEND, A.F. (2011): *New Sources of Employment in Rural Areas: The Rural Europe 2+2+ Strategy*. Saarbrücken: LAP Lambert.

FIELDSEND, A.F. (2011): *Evening Primrose: Productivity, Canopy Development and Resource Use*. Saarbrücken: LAP Lambert.

Reports and studies:

FIELDSEND, A.F. (2014): Study on investment in agricultural research: Review for Hungary. Report prepared for the EU Framework 7 project IMPRESA (http://www.impresa-project.eu/fileadmin/user_upload/IMPRESA/Files/IMPRESA_country_report_Hungary.pdf).

POTORI, N., **FIELDSEND, A.F.**, GARAY, R., POPP, J. and UDOVECZ, G. (2010): An assessment of the impacts of the global financial and economic crisis on the agrofood sector of Central and Eastern European and Central Asian Countries. Included as a chapter in the technical background paper for the Ministerial Round Table at the 27th FAO Regional Conference for Europe, Yerevan 13 May 2010 (pp.1-30) (http://www.fao.org/fileadmin/user_upload/Europe/documents/Publications/REU_TP/Compendium_en.pdf).

FIELDSEND, A.F. and BOONE, J.M. (2007): A practical guide to stimulating entrepreneurship in rural areas. Report prepared for Essex County Council, Chelmsford, UK in the frame of the Interreg IIIA project 'Praxis: Making Rural Entrepreneurship Work'.

Peer reviewed papers:

LÁPOSI, R., VERES, Sz., LAKATOS, Gy., OLÁH, V., **FIELDSEND, A.F.** and MÉSZÁROS, I. (2009): Responses of leaf traits of beech (*Fagus sylvatica* L.) saplings to supplemental UV-B radiation and UV-B exclusion. *Agricultural and Forest Meteorology* **149** (5), 745-755.

KISS TRÓCSÁNYI, Zs., **FIELDSEND A.F.** and WOLF D.D. (2009): Yield and canopy characteristics of switchgrass (*Panicum virgatum* L.) as influenced by cutting management. *Biomass & Bioenergy* **33**, 442-448.

FIELDSEND, A.F. (2007): The influence of oil content on the equilibrium moisture content of evening primrose (*Oenothera* spp.) seeds. *Acta Agronomica Hungarica*, **55** (4), 485-489. (Short communication).

KISS TRÓCSÁNYI, Zs., **FIELDSEND A.F.** and WOLF D.D. (2007): Yield of switchgrass (*Panicum virgatum* L.) as influenced by cutting management. *Acta Agronomica Hungarica*, **55** (2), 227-233.

O'CONNELL, M.N., KETHEES WARARAJAH, V., **FIELDSEND A.F.** and CULLUM F.J. (2005): Sources of infection and methods of control of *Septoria oenotherae* in evening primrose (*Oenothera* spp.) *Acta Agronomica Hungarica*, **53** (4), 385-391.

FIELDSEND, A.F. (2005): Interactive effects of light, temperature and cultivar on photosynthesis in evening primrose (*Oenothera* spp.) crops. *Acta Agronomica Hungarica*, **52** (4), 333-342.

FIELDSEND, A.F. (2004): Low temperature effects on the growth of evening primrose (*Oenothera* spp.) rosettes. *Acta Agronomica Hungarica* **52** (1), 19-28.

FIELDSEND, A.F. and MORISON, J.I.L. (2001): Light absorption and water loss in winter and spring evening primrose crops (*Oenothera* spp.) *European Journal of Agronomy* **14**, 275-291.

MENDOZA DE GYVES, E., SPARKS, C.A., **FIELDSEND, A.F.**, LAZZERI, P.A. and JONES, H.D. (2001): High frequency of adventitious shoot regeneration from commercial cultivars of evening primrose (*Oenothera* spp.) using thidiazuron. *Annals of Applied Biology* **138**, 329-332.

FIELDSEND, A.F. and MORISON, J.I.L. (2000): Contrasting growth and dry matter partitioning in winter and spring evening primrose crops (*Oenothera* spp.) *Field Crops Research* **68**, 9-20.

FIELDSEND, A.F. and MORISON, J.I.L. (2000): Climatic conditions during seed growth significantly influence oil content and quality in winter and spring evening primrose crops (*Oenothera* spp.) *Industrial Crops and Products* **12**, 137-147.

FIELDSEND, A.F. and MORISON, J.I.L. (1999): Manipulating light capture and seed yield in winter and spring evening primrose (*Oenothera* spp.) *Aspects of Applied Biology* **56**, 233-240.

FIELDSEND, A.F. (1996): Factories in the Field. *Green Futures* **2**, 20-21.

FIELDSEND, A.F. (1995): Borage: a crop with a future? *Biologist* **42** (5), 203-207.