

Professor, LUCA Emil

Land Improvement, Irrigation, Rural Development, Land Management and Ecology,
General Agriculture and Horticulture

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Date and place of birth: 28th February 1955; Agriș-Iara, Cluj County



I. Education:

University studies - Faculty of Agriculture and Horticulture, specialization: Agriculture, Cluj-Napoca (1983); **PHD studies** -Doctor in Agronomy, 1994;

Areas of specialization: Romania, Italy, France, Great Britain, Austria, Hungary, Holland; Professional Journalist Certificate (1988, 1991);

II. Academic experience: professor (since 2001); senior lecturer (1997-2001); lecturer (1995-1997); assistant professor (1990-1995);

III. Research domains of interest: Exploitation of land reclamation systems and crops irrigation; arrangement, irrigation and management of green spaces; soil erosion; the influence of technologic elements upon yields of some crops used to obtain biofuels; ecological agriculture;

IV. Professional affiliations: General Secretary of Romanian Ecological Agriculture Society (since 1993); Member of National Romanian Committee for Irrigation and Drainage (since 1995); member of Transylvania Plant Protection Society (since 1998); member of the Romanian National Society for Soil Science (since 2001); member of Ecoinspect, the first Romanian organization for control and certification of ecological products (since 2002); member of The Research Board of Advisors, American Biographical Institute (since 2003); founding member of The Society of Horticulture and Forestry from Transylvania (since 2009); member of the Professional Journalists Union (since 1991); president of the Journalists' Society from Romania – SZR - (Cluj subsidiary) and member in the Permanent Comity of SZR (1990-1991); CEO of Agro Transylvania Center from Cluj-Napoca (2008-2012); Associate member of the Academy of Agricultural and Forestry Sciences (since 2012).

V. Significant achievements:

Books and scientific papers: author or co-author of 25 manuals, treatises and monographies and of over 300 scientific papers published in the country and abroad;

Research grants: 1984 – 1988 – Research projects regarding spring cereals breeding (SCA Turda); 1991-2000, Director, Responsible or Member of research teams funded by Agriculture Ministry, Education and Research Ministry, and ICITID Baneasa; After 2000, Research Grants CNCISIS, BIOTECH, CEEEX, MAKIS etc. - (USAMV Cluj-Napoca): 2002 – 2004 - The study of technology, water consumption and irrigation regime on the main field crops (corn, soybean, potato, sugar beet) under sub-humid area of Transylvania; 2002 – 2005 - Obtaining food from vegetable protein, Project BIOTECH; 2006 – 2008 - National and international network of quality assurance of biofuels and promoting a project PC7, BIO-Q-NET, CEEEX; 2005 – 2008 - Portal to integrate tourism resources and services, ARSIP, CEEEX; 2009-2010 – Partner –Responsible – MAKIS research grant; 2011 – 2012 – Partner –Responsible – European project „Leonardo da Vinci”, financing by Mancomunidad de Municipios de la Sierra de Cadiz, Spania, project between Uniunea Munții Apuseni (host partner) and Mancomunidad de Municipios de la Sierra de Cadiz, Spania;

VI. Other mentions: Director of studies at Long Distance Studying – Faculty of Horticulture (2000- 2004); doctoral degree leader in *Exploitation of land reclamation systems and crops irrigation* specialization; Scientific Secretary of the Faculty of Horticulture (2004-2009); Member of USAMV Cluj-Napoca Senate (2008 -2011). **Creations, Academic Honours and Awards:** Co-author of the sorts: Speranta – common spring wheat, Turdeana and Aura – spring barley for beer; National Board of the Journalists in Romania Award (1988); “Nicolae Saulescu” of ASAS Award (2005); 2009 – Honory Diploma – to celebrate 140 years of agronomic education of Cluj; 2009 - Anniversary Medal - for his contribution as a senator in the development of education and research and affirmation of UASVM Cluj-Napoca; 2009 – Diploma of Excellence - for contributing to the development of organic farming, Bioterra – Romania; 2011 Diploma of Merit - awarded by the Câmpia Turzii Municipality; 2014 – Diploma of Excellence – Bioterra – Romania; 2015 –“Gh. Ionescu Sisești” Award of Romanian Academy, for the published paper “ Rape - present and future of biofuel production”; **Activity in the written press:** chief editor, editor or contributor of some local and central publications: editor and secretary of *Universitary Napoca* review (1981-1984); editor in the subeditorial office of *Students's Life* - Cluj-Napoca (1981-1984); editor of *Faclia* (1988-1989) and *The Truth of Cluj* (1989- 1991) publications; chief editor (founder) of the *Agriculture Journal* (since 1992); editor responsible of the *Informative Gazette* of USAMV Cluj-Napoca (since 1995); editor of *Bioterra* review (since 1999); General Editor of *Transylvania's Life* review (since 2007).