

CURRICULUM VITAE

Name: Koumanov, Kouman Smilkov	
Date of Birth: 31 December 1957	Birthplace: Starosel, Plovdiv District, Bulgaria
Office Address: Fruitgrowing Institute 12 Ostromila Plovdiv 4004, Bulgaria Phone: + 359 32 696599 Fax: + 359 32 670808 E-mail: instov@abv.bg	Home Address: 22 Nikola Vaptsarov Blvd., Apt. 4 Plovdiv 4004 Bulgaria Phone: + 359 888393569 Fax: E-mail: kskoumanov@hotmail.com
Education: ✓ Higher Institute of Architecture and Civil Engineering, Sofia, Bulgaria Department of Hydrotechniques Irrigation and Drainage Engineering 1983.	
Honours/Titles/Qualifications: ✓ Fruitgrowing Institute – Plovdiv, Ph.D., 1998 ✓ Fruitgrowing Institute – Plovdiv, Senior Research Scientist, since 2002 ✓ Agricultural University – Plovdiv, Dept. of Irrigation, Drainage and Land Survey, Associate Professor, since 2005	
Previous Experience: ✓ Fruitgrowing Institute – Plovdiv, Associate Professor, since 2002 ✓ Fruitgrowing Institute – Plovdiv, Head Department of Fruitgrowing Technologies, since 2003 ✓ Fruitgrowing Institute – Plovdiv, Head Department of Agrotechniques, 2002-2003 ✓ Fruitgrowing Institute – Plovdiv, Research Scientist, 1989 – 2002 ✓ Specialist at the Department of Dam-Lakes and River Corrections, “Irrigation Systems” Ltd. – Plovdiv, Bulgaria, 1986 – 1989 ✓ Chief of Water District, “Irrigation Systems” Ltd. – Plovdiv, Bulgaria, 1983 – 1986	
Fields of Scientific Research: Systems and technologies for irrigation of fruit crops with emphasis on micro-irrigation (drip and trickle), fertigation, pestigation, soil water regime, plant water regime, spatial and temporal distribution of water and agrochemicals in soils and plants, microclimatic and environmental aspects of micro-irrigation and chemigation, water relations in the continuum soil-plant-atmosphere, irrigation scheduling and management methodology, research methodology, sustainable agriculture and environmentally friendly fruit production.	

Membership in Scientific and/or Professional Institutions, Bodies, and Organizations:

- ✓ International Union of Soil Science
- ✓ World Federation of Engineering Organizations
- ✓ European Federation of National Engineering Associations
- ✓ Federation of the Scientific and Technical Unions in Bulgaria
 - Member of the Managing Council of the National Scientific and Technical Union of Water Affairs, 2006-2010
 - Secretary of the Regional Organization of the Scientific and Technical Union of Water Affairs - Plovdiv, since 1986

Professional and Scientific Awards:

Golden badge of the Federation of the Scientific and Technical Unions in Bulgaria

Foreign Languages (Level of Proficiency):

Language	Reading	Speaking	Writing
English	excellent	excellent	excellent
Russian	excellent	excellent	very good ⁵
French	good	basic	basic

Specializations and International Experience gained in the last five years:

- ✓ *"Soil Science, Irrigation and Plant Nutrition"* – nine-month fellowship at the Dept. of Land, Air and Water Resources, University of California – Davis, U.S.A.; granted by the International Atomic Energy Agency – Vienna, 1995 – 1996
- ✓ *"College on Soil Physics" and "Workshop on Soil Systems in the Context of Climate Change"*, International Centre for Theoretical Physics, UNESCO & IAEA, Trieste, Italy – one month, 2001
- ✓ *"Using of radiation techniques and other modern methods for water and nutrient balance in irrigation and drainage investigations"*. One month IAEA fellowship at the Dept. of Agricultural Engineering, University of Seville, Spain, 2004.
- ✓ *"Use of nuclear and related techniques to measure storage, flows and balance of water in cropping systems"*. FAO/IAEA Interregional Training course, IAEA Laboratories, Seibersdorf, Austria - one month, 2007

Participation in expert groups, councils and other activities related to the agricultural science and practice development:

International:

- ✓ Independent expert evaluator at the European Commission, since 2009.

National:

- ✓ Member of the Specialized Scientific Council on Soil Science, Agrochemistry and General Agriculture at the Higher Testimonial Committee of the Council of Ministers, 2007-2010.
- ✓ Member of the Scientific Expert Commission on Agrarian Sciences at the Ministry of Education, Youth and Science, 2005-2010.
- ✓ Member of the Scientific Expert Commission on Fruitgrowing at the Agricultural Academy, since 2008.
- ✓ Member of the Scientific Expert Commission on Soil Science, General Agriculture and Land Reclamation at the Agricultural Academy, since 2009.

- ✓ Member of the Permanent Commission for Innovations and Technologies at the Agricultural Academy, since 2010.
- ✓ Member of the Scientific Expert Commission on General Agriculture and Food Technologies at the National Centre for Agrarian Sciences, from 2007 till 2008.
- ✓ Member of the Scientific Expert Commission on Irrigation, Drainage and Agricultural Mechanization at the National Centre for Agrarian Sciences from 2004 till 2006.
- ✓ Chair of the Scientific Council at the Fruit Growing Institute – Plovdiv, since 2008.
- ✓ Vice Chair of the Scientific Council at the Fruit Growing Institute – Plovdiv, from 2004 till 2008.
- ✓ Chair of the General Assembly of the Scientists at the Fruit Growing Institute – Plovdiv, since 2006.
- ✓ Member of the General Assembly of the Scientists at the National Centre for Agrarian Sciences, 2006-2009.
- ✓ Member of the Faculty Council at the Faculty of Viticulture and Horticulture, Agricultural University – Plovdiv, since 2006.
- ✓ Member of the General Assembly of the Agricultural University – Plovdiv, since 2006.
- ✓ Member of the Managing Board of the Apricot Experimental Station – Silistra, 2008-2009.

Participation in editorial boards, references:

- ✓ Editor of Acta Horticulturae 825. ISHS. 2009.
- ✓ Referee of articles for international scientific journals, e.g. Irrigation Science, Agricultural Sciences etc.
- ✓ Referee in competitions for promotion in scientific degrees and titles.