

CURRICULUM VITAE

Of Valentin Kazandjiev

PERSONAL DATA

SURNAME: **KAZANDJIEV**
First name: **Valentin** Middle name: **Stoyanov**
Date of birth: YY - MM- DD **1950 August 29**

Full name and address of permanent Institution:
NATIONAL INSTITUTE of METEOROLOGY and HYDROLOGY,
66 TSARIGRADSKO CHAUSSEE AVE., 1784 SOFIA
Email: Valentin.Kazandjiev@meteo.bg

EDUCATION (High degrees)

University or equivalent Name and place	Year attended Degrees		
	From	To	
High Forest Institute	1968	1974	Engineer
National Institute of Meteorology	1986	1990	Doctor
National Institute of Meteorology	1995		Senior Researcher

EMPLOYMENT and DUTIES

Name and place	Period of duty	Duty
Forest-Economy Works	1974 – 1977	Engineer
High Forest Institute	1977 – 1980	Eng. Researcher
NIMH – BAS	1980 – 1982	Research Associate
NIMH – BAS	1982 – 1990	Assistant Prof.
NIMH – BAS	since 1992	Senior Researcher
NIMH – BAS	1996 – 2003	Head of Agrometeorological Services and Forecasts
NIMH – BAS	since 2003	Head of Agrometeorology Div.

COURSES and SPECIALIZATIONS

Agrometeorology – 1991, Agrometeorological Forecasts - 1995 in Meteo-France, 1992 – Application of Mathematical modeling for Agrometeorological Forecasts, Israel; 1994 – Mathematical Ecology, ICTP, Italy; 1995 – Applications of RS observations for Crops monitoring, Arlon, Belgium; 1997 – Application of Statistical methods in Agrometeorology, Reading, U.K.

PRESENT EMPLOYMENT and DUTIES

Present employer is National Institute of Meteorology and Hydrology. Present position – Head of Agrometeorology Division. Duties - Organizing and supervising operational and scientific activities of NIMH in the field of Agrometeorology. Developing of methods for observation and forecasting. Application of traditional and remote sensing methods for observations and mathematical modelling for determination conditions in agricultural crops and forests. Assessment of agroclimatic resources for growing different type of crops. Developing of Agrometeorological Informational System and Agrometeorological data base in Bulgaria. I have more than 90 publications and 60 papers. National and International projects:

- Regional Program PHARE, Project “MERA-MARS, Contract No ZZ9211/0502;
- National Expert in COST 718 – “Meteorological Applications for Agriculture”;
- National Expert in COST 725 – “Phenological Data Platform for Climatological Applications”

- National Expert in COST 734 – “Impacts of Climate Change and Variability on European Agriculture (CLIVAGRI)”
- “Unfavorable agroclimatic conditions in Bulgaria during 1997-2002 period and influence on the agricultural production” 2003. Expert paper for Ministry of Agriculture and Forestry connected with negotiations on part “Agriculture” for Bulgaria Joining in EC, 89 p.
- Project “Agroclimatic resources in Bulgaria for growing agricultural plants in irrigated and rain fed conditions” Contract No CC1605/2006 with Ministry of Education and Science 2006-2009;
- Project “Agroclimatic Conditions for Field Crop cultivation under Irrigated and Rain-fed Conditions”, Joint Research between BAS and HAS, 2006-2008
- Member of the WMO RA VI Commission for Agrometeorology (CAgM);
- Founding member of International Society of Agrometeorology (INSAM).

RECENT PUBLICATIONS

1. Kazandjiev V., M. Tsalev and E. Staneva 1995. Reproduction of San Jose scale (*Quadropsidiotus perniciosus* Comst., Homoptera, Diaspididae) in Bulgaria in dependence of the thermal conditions, Agricultural academy, Bulgarian Journal of Agricultural Science (BJAgS), v. 1/ 1995, 247-252.
2. Slavov N., V. Kazandjiev, G. Georgiev, 1996. Structure of Agrometeorological Code AMK-2M, Bulgarian Journal of Meteorology and Hydrology, v.7, No 1-2, 1996, p.38-43.
3. Ilieva V., V. Kazandjiev, 1996. Spectral study of crops polluted with heavy metals in proceedings of International Symposium on Applied Agrometeorology and Agro climatology, 24-26 April 1996, Volos, Grece pp.111-113.
4. Kazandjiev V, 1997. MARS-MERA, Meteorological and Agrometeorological networks and analysis of available data, Final Report, Ispra, Italy, 45 p.
5. Kazandjiev V., V. Alexandrov, 1998. Test of CERES Yield Forecasting models in Bulgaria, Annual collection of Joint Research Centre, Ispra, Italy, p.249-273.
6. Alexandrov V. A. and V.S. Kazandjiev, 1998. The effect of Climate Variability and Change on Agroclimatic Resources and Crop Productivity in Bulgaria, Proceedings of 2-nd European Conference on Applied Meteorology, 19-23 October 1998, Vienna, Austria.
7. Kazandjiev V. 2000. Operational Management of Irrigation Schedules and Information Services using Conventional and Remote sensed data, Proceedings of the 3-rd Conference ECAC'2000, 16-21 October, Pisa, Italy. p. 74.
8. Kazandjiev V., 2001 - COST ACTION 718 “Meteorological Applications for Agriculture” - Application of remote sensing data for agriculture - paper on MCM3, Larnaka, Cyprus, 21-23 March 2001.
9. Slavov N. and V. Kazandjiev 2001. Spatial presentation of main phenological stages for locust trees (*Robinia pseudoacacia*) in Bulgaria - Third Balkan Scientific Conference “Study, Conservation and Utilization of Forest Resources” - Proceedings, vol. II, pp. 104-110.
10. De Wit A., K. van Diepen, J. Kroes, J. Eitzinger, V. Kazandjiev and L. Tulios 2001. Application of remote sensing data as inputs for the SWAP 2.0 model - paper on the COST Action 718 Meteorological applications for Agriculture, Budapest meeting 27-28 September 2001, 11 p..
11. Kazandjiev V. 2001. Early Diagnostics of Diseases *Erysife graminis* and *Puccinia Graminis v. sp. Tritici* in Winter wheat Crops using Remote Sensing Measurements in WMO, CAgM Report No. 77b/TD No 1029, pp. 49-51, Geneva, Switzerland, May 2001.
12. Slavov N., Kazandjiev 2003. Phenological Development Investigation of Common Locust (*Robinia pseudoacacia* L.) Trees in Bulgaria, J. Silva Balcanica v. 5(2), p. 61-70.
13. Kazandjiev V., N. Slavov 2003. Phytoclimatic Assessment of Air Temperatures Transition across Important Boundary Values, Report on the “European Agro-Phenology Meeting” 4-5 December, JRC, Ispra, Italy CD version.
14. Kazandjiev V 2003. MOCA Project - Phenological observations and Mathematical modeling applications in Agrometeorology in Bulgaria, Project Report, JRC, Ispra, Italy 40p.

15. Kazandjiev V., N. Slavov 2004. Phytoclimatic Assessment of Air Temperatures Transition across Important Boundary Values, Proceedings of the Conference on Water Observation and Information System for Decision Support (BALWOIS) Ohrid, Macedonia, 25-29 May 2004, p.33 and full text of papers in CD-version.
16. Kazandjiev, V. 2004. Agrometeorological Aspects of Drought in Bulgaria During Last Decade (1994-2003), Proceedings of the EWRA Symposium on "Water Resources Management- Risks and Challenges for the 21st Century", Izmir, Turkey 2-4 September, 2004, p. 331-342.
17. Kazandjiev V., L.Kuchera 2004. The MOCA DB data, The EC AGRO-Meteorological system; The MARS Crop Yield Forecasting System, Prague 06-09.10.2004, Crop monographies on Central European Countries v.4, p.59-76.
18. Kazandjiev V., 2004. Organization of Agrometeorological observations, forecasts and farmers service in Bulgaria. Meeting of CAgM Expert Team on Weather, Climate and Farmers, Geneva, 15-18 November 2004.
19. Kazandjiev V., 2004. Temperature and Rainfall conditions and development of Cereal crops in Bulgaria. Meeting of COST 718 National Delegates, Geneva, 18-19 November 2004.
20. Kazandjiev V., N. Slavov 2005. Climatic Factors variability and their impact on the development of common locust forest trees (*Robinia pseudoacacia L.*) in Bulgaria, 7-th ECAM, Utrecht, Netherlands, 12-16 September 2005, Internet version on http://www.emetsoc.org/EMS5/0325_Kazandjiev_paper.pdf
21. Kazandjiev V., 2005. Low temperatures and frost during 1995-2005 and their unfavorable impact on agricultural crops development and production, Icing on Structures - Open workshop in the frame of COST 727, 29.11.2005, Sofia, NIMH
22. Kazandjiev V., N. Slavov 2006. Phenological Development as Indicator of Meteorological Conditions, Proceedings of BALWOIS Conference-CD version, Ohrid 24-26 May 2006.
23. Kazandjiev V., V. Georgieva 2006. WOFOST Model Calibration for some Cereal Crops in Bulgaria, 8-th Conference on Meteorology – Climatology and Atmospheric Physics COMECAP 24-26 May 2006, Athens (in press).
24. Kazandjiev V., N. Shopova 2006. Agrometeorological observations and data Base Management for Farmers Support in Bulgaria , 8-th Conference on Meteorology – Climatology and Atmospheric Physics COMECAP 24-26 May 2006, Athens (in press).
25. Moteva M., V. Kazandjiev, Zh. Zhivkov 2006. Impact of the agrometeorological factors upon the potential evapotranspiration of maize crops in Bulgaria, 8-th Conference on Meteorology – Climatology and Atmospheric Physics COMECAP 24-26 May 2006, Athens (in press).
26. Kazandjiev V. 2006. Impact of Temperatures on the Development of common locust (*Robinia pseudoacacia L.*) Forest Trees in Bulgaria, 5-th MCM and Workshop of COST 725, Dublin, Ireland, Internet version on the <http://topshare.wur.nl/cost725> .