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Research interests (key words): Geographic Information Systems (GIS), Remote Sensing, Cartography, Landscape Ecology, Ecosystem Services (ES), Modeling and Mapping of ES, Quantification of ES, Water-related ES, River Basin Management

Education:

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| Since 2012 | Ph.D. Student
Bulgarian Academy of Sciences
National Institute of Geophysics, Geodesy and Geography
Department of Geography
GIS Section
Sofia, Bulgaria
<i>Dissertation project:</i> Spatial Analysis and Assessment of Landscape and Ecosystem Services in Mountain Watersheds by Application of Geoinformation Technologies
<i>Advisor:</i> Assoc. Prof. Dr. Stoyan Nedkov |
| 2005 - 2011 | M.Sc. Geodesy
University of Architecture, Civil Engineering and Geodesy
Geodesy Faculty
Sofia, Bulgaria
<i>Thesis:</i> 3D Mapping For Needs of Architecture
<i>Advisor:</i> Prof. Dr. Temenoujka Bandrova |
| 2000 - 2005 | Highschool of Mathematics “Atanas Radev”
Yambol, Bulgaria |

Professional experience:

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| 2011 - 2012 | Technical Secretary
Chamber of Graduated Surveyors
Sofia, Bulgaria |
| 2009 - 2011 | Trainee Surveyor
Kriston Engineering Ltd.
Sofia, Bulgaria |

Experience abroad:

2013	Research stay at University of Arizona, Tucson, AZ, USA
2012	Research stay at University of Kiel, Kiel, Germany
2007	Work and travel program in Charlotte, NC, USA

Memberships:

- International Association for Landscape Ecology - Europe (IALE-Europe)
- Bulgarian Cartographic Association

Recent projects (last 5 years):

Since 2012	SWAN: Sustainable Water Action: building research links between EU and USA
Since 2012	Arsenic contamination of Ogosta river: Linking biogeochemical processes in floodplain soils with river system dynamics
2009 - 2011	Establishment of Waste Management Systems in the Regions of Borovo Varna, Veliko Tarnovo, Gaborvo, Dobrich, Kostenets, Levski, Lukovit, Panagyurishte, Pleven, Razlog, Stara Zagora and Yambol.

Selected Publications (last 5 years):

Crossman, N., B. Burkhard, S. Nedkov, L. Willemen, K. Petz, I. Palomo, E. Drakou, B. Martín-Lopez, T. McPhearson, **K. Boyanova**, R. Alkemade, B. Egoh, M. Dunbar, J. Maes, 2013. A blueprint for mapping and modelling ecosystem services. *In: Ecosystem Service, Volume 2*

Boyanova, K., T. Bandrova, 2012. 3D mapping for needs of architecture. *In: 4th International Conference of Cartography and GIS, Albena, Bulgaria, 18 - 22 May, Paperback.*

Genchev, S., **K. Boyanova**, 2012. Application of geoinformation systems for prevention and management of flood risk. *In: 1st Bulgarian National Young Water Professionals Conference, Sofiq, Bulgaria, 17 – 18 May, CD.*