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**EINLADUNG zu einem VORTRAG im Rahmen des Kolloquiums aus  
Geographie und Regionalforschung**

am MITTWOCH, 11. JÄNNER 2017, 17 s.t.

**INSTITUT FÜR GEOGRAPHIE UND REGIONALFORSCHUNG**  
Universitätsstrasse 7/5, 1010 Wien, 5. Stock, Hörsaal 5A

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Prof<sup>in</sup>Dr<sup>in</sup>

## **Temenoujka BANDROVA**

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Architecture, Civil Engineering, and Geodesy; Sofia, Bulgaria

### **“3D maps – new field of modern cartography”**

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The Seminar aims to present and open discussion on one of the new cartographic fields – 3D maps. Users of these cartographic products will be presented. Definition of 3D map will be done, as well a difference between 3D maps and models will be pointed. Next topics will present sources and content of 3D maps, data processing, classification of mapping objects, generalization, accuracy, photo-texturing, colors, technologies, and applications. Special attention will be done by way of creating the 3D cartographic symbol system. Last new points are virtual camera, animation and publishing. Levels of detail and Scale of 3D maps will be presented as tasks for discussions.

**Prof. Dr. Temenoujka Bandrova** is President of Bulgarian Cartographic Association and head of Laboratory on Cartography, University of Architecture, Civil Engineering and Geodesy, Sofia. Co-chair of the ICA Commission of Cartography and Children (2007-2011), a member of the Council board and chair of Young Scientific Commission of International Society of Digital Earth, a member of Commissions on Map Projections, on Cartography in Early Warning and Crises Management – International Cartographic Association (ICA); of Editor's group of the International Journal of Digital Earth, and Cartographia and Geoinformatika Journal, Croatia. She is the project manager in DataMap Ltd where her school atlases and maps are published. She is an author of 30 school atlases and more than 90 wall maps in geography and history, approved by Ministry of Education for Bulgarian schools. She published more than 100 articles, reports, papers, book chapters and edited books published by Springer and ESRI Press. She is the organizer of series 6 International Conferences on Cartography and GIS. Her PhD thesis is on a topic “Designing of Symbol System for 3D City Maps” after specialization in Institute for Computer Graphics, TU Graz, Austria.

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Organisiert von Franz Holawe und Aleksandra Tyjan; Institut für Geographie und  
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