The 8th International Symposium “Information Fusion and Intelligent Geographical Information Systems 2017” (IF&IGIS’17)

Workshop Venue: Shanghai, China  
Workshop Date: 10 may – 12 may 2017

The 8-th International Symposium IF&IGIS’17 will take place at Shanghai Maritime University, China, from 10 to 12 may 2017. The goal of the IF&IGIS’17 symposium is to bring together leading world experts in the field of spatial information integration and intelligent GIS (IGIS) to exchange cutting-edge research ideas and experiences, to discuss perspectives on the fast-paced development of geospatial information theory, methods and models, for demonstration of the latest achievements in IGIS and for discovering new ways of collaboration. Symposium topics will focus on fundamentals, models, technologies, services of IGIS in the maritime research field such as underwater acoustics, radio-location, navigation, marine energy, logistics, environmental management, sea food, safety of maritime navigation and others. As additional topic we propose to discuss integration of IGIS technologies for research in the emerging field of digital humanities. The symposium provides a unique opportunity for networking and first-hand exposure to the latest developments on these research topics. Graduate students are particularly welcome to participate in the symposium.

Symposium Topics:
- Data modeling, integration, fusion and analysis in IGIS
- Spatial data infrastructure for IGIS
- Artificial intelligence in GIS
- IGIS algorithms and computational issues
- Ontologies for IGIS and their applications
- IGIS and simulation systems
- Mobile and distributed IGIS
- Service-oriented applications and cloud computing in IGIS
- Digital humanity on IGIS
- IGIS integration with underwater acoustics, remote-sensing and radar systems
- Ports, maritime transportation and logistics
- Marine energy and natural resources, environmental management
- Maritime safety
- Sea food supply and sustainability
- Digital humanities

Two ways of participation in symposium are possible:

- **Full Papers**: scientific papers will be reviewed by at least three members of the scientific committee (up to 14 pages). All accepted papers will be published in the series Springer-Verlag Lecture Notes in Geoinformation & Cartography (LNG&C) after the symposium;
- **Short Papers and Poster Presentations**: practical experience reviews, project reports: decision on acceptance is made by the Scientific Organizing Committee (up to 5 pages).

Important information:
- Abstracts submission: August 15, 2016
- Full paper submission: November 10, 2016
- Notification of acceptance: December 23, 2016
- Final papers due: January 15, 2017
- Early registration: March 15, 2017
- Final registration: May 1, 2017