Short CV

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Prof. Dr.-Ing. Wolfgang Reinhardt is head of the chair for Geoinformatics and the AGIS research group within the faculty of Computer Science of the University of the Bundeswehr Muenchen (UniBwM). He teaches issues of Geographic Information Science, Spatial Information and Data Base Systems in the Bachelor and mainly the Master programs in Computer Science, Information Management and in Civil Engineering. He holds a Dipl.-Ing. (MSc) and a Dr.-Ing. (Ph.D) degree from the Technical University of Munich (1982, 1990). Before he was appointed as a full professor at UniBwM in 1997 he spent more than seven years in leading positions in the GI industry. His research interests lie in various Geoinformation (GI) related issues like GI and Disaster Management, GI and sensors, Quality Management (data, processes, services) and GI architectures. He acted as project leader in more than 60 funded research projects (funds from European Union, German Ministry of research and education, German research council, German Military Geo Office, Several other Governmental and Industrial Organisations). He published almost 200 scientific papers and frequently acts as member of scientific Committees of GI conferences and as reviewer for journals etc. In 2012 he was chair of the programme committee of the AGILE conference. He is a member of several professional organisations and working groups. He successfully supervised 12 PhD students. Currently seven candidates are working on a PhD topic under his guidance. Also he acted as expert in more than 10 accreditation and evaluation processes in Germany and central Europe.

Selected Publications of the last five years:

Reinhardt, Wolfgang (2014): Geographic Information for Disaster Management – An Overview. Chapter 14 of "Improving Disaster Resilience and Mitigation - IT Means and Tools", NATO Science for Peace and Security Series, Springer, ISBN 978-94-017-9135-9

Hossain, Imran; Reinhardt, Wolfgang (2014): An algorithm for segmenting a feature set into equitable regions. In: Proceedings of the 17th AGILE International Conference on Geographic Information Science, Castellón.ISBN: 978-90-816960-4-3

Striegl, Philipp; Mönch, Kim; Reinhardt, Wolfgang (2014): Untersuchungen zur Verbesserung der Aufnahmegenauigkeit von Abwasserleitungen. zfv, Heft 2/2014

Gálicz, Eszter; Hossain, Imran; Reinhardt, Wolfgang (2013): Geo Web Services for Transport Crisis Management in Alpine Region. In: Proceedings of International Cartography Conference 2013, Dresden

Reinhardt, Wolfgang; Gálicz, Eszter; Hossain, Imran (2013): Klassifizierung von GIS-Funktionalitäten im Bereich des Katastrophenmanagements. 17. Internationale geodätische Woche Obergurgl 2013, Wichmann, ISBN 978-3-87907-526-3

Reinhardt, Wolfgang; Bockmühl, Thorsten (2013): Continuous Improvement of Geographic Data Production Processes – Approach and Results of a Case Study. proceedings ICE-B Conference 2013

Nuhn, Eva; Kropat, E.; Reinhardt, Wolfgang; Pickl, S. (2012): Preparation of Complex Landslide Simulation Results with Clustering Approaches for Decision Support and Early Warning. hicss, pp.1089-1096, 2012 45th Hawaii International Conference on System Sciences.

Nuhn, Eva; Reinhardt, Wolfgang (2011): Coupling geoinformation and simulation systems for the early warning of landslides . Applied Geomatics Volume 3, Number 2.

Schmid, Stephan; Reinhardt, Wolfgang (2011): Concept and Goals of a Geo Web Service Test Bed. In: Proceedings of International Conference on Military Technologies 2011, Brno.

Konecny, M.; Reinhardt, Wolfgang (2010): (Guest editors): Special Issue on early warning and disaster management: the importance of geographic information (Part B). International Journal of Digital Earth, Volume 3, Issue 4.

Konecny, M.; Reinhardt, Wolfgang (2010): (Guest editors): Special Issue on early warning and disaster management: the importance of geographic information (Part A). International Journal of Digital Earth, Volume 3, Issue 3.

Nuhn, Eva; Reinhardt, Wolfgang; Trauner, F.-X. (2010): Development of a Coupled Geoinformation and Simulation System for Early Warning. In: Konecny, M.; Zlatanova, S.; Bandrova, T.L. (Eds.): Geographic Information and Cartography for Risk and Crisis Management, Springer-Verlag, Heidelberg, ISBN 978-3-642-03441-1

Selected Projects of the last five years:

TranSafe-Alp, Joint decision-making for transport crisis management (funded by the EU, under the Alpine Space program, duration: 09.2011 - 08.2013)

Geographic Information Need to Know (GIN2K) (funded by the EU under the LLP, duration: 10.2013 – 09.2016)

Evaluierung von Software und Systemen einer Service-orientierten Architektur (funded by the Bundeswehr Geographic Information office, duration: 02.2010-12.2015)

Process Oriented Quality Management in GI / utility processes (funded by a number of German utility companies, duration: 01.2011 – 12.2015)

Verbundprojekt "Entwicklung geeigneter Informationssysteme für Frühwarnsysteme" (funded by DFG/BMBF, duration: 04/2007 - 06/2010

More info can be found at:
https://www.unibw.de/inf4/professuren/geoinformatik