

1. Web Accessibility in Complex Information: Study Case: Platform with geographic information

Research the problems of web accessibility shown with the representation and manipulation of complex information. This concept includes different types of information such as geographic information displayed by the GIS.

For this purpose, we analyze the level of accomplishment of the accessibility guidelines of the main technologies that today are used to represent this type of information such as Web GIS, spatial metadata, spatial data infrastructures, Geoweb, courses GIS MOOCs, among others.

2. Keywords:

- Web Accessibility; GIS; Geographic Information; Geographic Maps; Disabilities

3. Web Accessibility

Web accessibility means that people with disabilities can use the Web. More specifically, Web accessibility means that people with disabilities can perceive, understand, navigate, and interact with the Web, and that they can contribute to the Web. Web accessibility also benefits others, including older people with changing abilities due to aging. [W3C]

4. Keywords:

- Web Accessibility; Disabilities; Interaction; Navigate.

5. Conference:

ASSETS 2015 is the 17th International ACM SIGACCESS Conference on Computers and Accessibility.

ASSETS

<http://assets15.sigaccess.org/>

Scope Summary:

The ASSETS conference explores the design, evaluation, and use of computing and information technologies to benefit people with disabilities and older adults. ASSETS is the premier forum for presenting innovative research on mainstream and specialized assistive technologies, accessible computing, and assistive applications of computer, network, and information technologies.

Important Dates

Technical paper submission: Thursday, 7 May 2015

Posters and demos submission: Thursday, 25 June 2015

Doctoral consortium submission: Thursday, 25 June 2015

Committee

General Chair:

Yeliz Yesilada

Middle East Technical University Northern Cyprus Campus

Program Chair:

Jeffrey Bigham

Carnegie Mellon University, USA

Treasurer and Registration Chair:

Faustina Hwang

University of Reading, UK

18th AGILE Conference on Geographic Information Science (2015)

AGILE 2015

Contributions are invited on all topics within the fields of geoinformation, geomatics and geocomputation, including (but not limited to):

Smart cities

Geosensors Networks and Sensor Web

Big Spatial Data: Analysis and Visualization

Earth Observation Systems: Algorithms and Applications

Volunteered Geographic Information and Community Observatories

Crowdsourcing, Co-creation and Participatory GIS

Data Mining and Knowledge Discovery

Data and Information Integration and Fusion for Big Data

Awareness, Representation and Analysis of Locations, Places and Geographic Phenomena

Linked Open Data, Spatial Semantics and Spatiotemporal Ontologies

Spatiotemporal Data Acquisition, Modelling, and Analysis

Uncertainty and Error Propagation

3D Modelling, Analysis and Visualization

Location Based Services and Mobile GI Applications

Geospatial Decision Support Systems

Model Web, Geospatial Workflows and Service Composition

Spatial Data Infrastructures: Data and Service Sharing

Digital Earth, Virtual Globes and Spatial-oriented Augmented Reality

Future Internet, Ubiquitous Web and Geographic Information Systems

Cognitive Aspects of Human-Computer Interaction for Geographic Information Systems

Geodesign and Simulation

Location Based Services, Geospatial Services and Real-time Applications

Indoor Navigation, Routing and Way Finding

Smart Cities and Sustainable Development

Environmental/Ecological and Urban/Regional Modelling

Demographic and Socioeconomic Modelling

Natural Resources Management and Monitoring
Disaster and Risk Management
Socio-Economic Impact Assessment of Geographic Information
GIScience and Technology Education and Training
Digital (Geospatial and Environmental) Science

Important Deadlines

Full paper submission: November 30th 2014
Pre-conference workshop proposal: November 24th 2014
Notification of workshop acceptance: December 19th 2014
Notification of full paper acceptance: January 12st 2015
Camera-ready full paper copies due: January, 26th 2015
Short paper and poster submissions: January 30th 2015
Notification of short paper and poster acceptance: March 5th 2015
Camera-ready short paper copies due: March 29th 2015
Early registration: March 31st 2015
Conference: June 9th – 12th 2015

<http://www.agile-online.org/>

6. Journals:

Transactions in GIS: Wiley Online Library

This journal is a valuable source of topical information on GIS for those in industry and research as well as for students studying in any of the GIS related fields. The Times Higher Education Supplement Transactions in GIS is an international journal which provides a forum for high quality original research articles review articles short notes and book reviews that focus on: practical and theoretical issues influencing the development of GIS the collection analysis modelling interpretation and display of spatial data within GIS the connections between GIS and related technologies new GIS applications which help to solve problems affecting the natural or built environments or business.

- Edited By: John P. Wilson, Qiming Zhou and Alexander Zipf
- Impact Factor: 1.0
- ISI Journal Citation Reports © Ranking: 2013: 41/76 (Geography)
- Online ISSN: 1467-9671
- <http://onlinelibrary.wiley.com/journal/10.1111/%28ISSN%291467-9671>

The Geographical Journal

- Edited By: Keith Richards
- Impact Factor: 1.552
- ISI Journal Citation Reports © Ranking: 2013: 20/76 (Geography)
- Online ISSN: 1475-4959

Tania Calle

- Associated Title(s): Area, Geo: Geography and Environment, Transactions of the Institute of British Geographers, Wiley Interdisciplinary Reviews: Climate Change Computers & Geosciences.

[http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1475-4959](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1475-4959)

Computers & Geosciences

Computers & Geosciences publishes high impact, original research at the interface between Computer Sciences and Geosciences. Publications should apply modern computer science paradigms, whether computational or informatics-based, to address problems in the geosciences.

Computational/informatics elements may include: computational methods; algorithms; data structure; database retrieval; information retrieval; data processing; artificial intelligence; computer graphics; computer visualization; programming languages; parallel systems; distributed systems; the World-Wide Web; social media; and software engineering.

Source Normalized Impact per Paper (SNIP): 1.525

SCImago Journal Rank (SJR): 0.810

Impact Factor: 1.562

5-Year Impact Factor: 1.952

Imprint: ELSEVIER

ISSN: 0098-3004 <http://www.journals.elsevier.com/computers-and-geosciences/editorial-board/>