3-D Information Modeling (IJ3DIM)

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IJ3DIM focuses on three research domains, Building Information Modeling, 3D GIS, and integration of 3D information in the Urban Built Environment. IJ3DIM facilitates the exchange of current scientific information, as well as sharing of state-of-the-art technological developments within the AEC industry. The journal provides a forum for information dissemination between academics and academics/professionals associated with City Planning and Management, Infrastructure Management, all disciplines of Geosciences, Building and Civil engineering, Disaster management, Logistics, Environmental Planning and Conservation, Computer Graphics, Data Management, Gaming, and so forth. In addition to academics, the primary audience of the journal also includes engineers, architects, contractors, consultants, and facility managers. IJ3DIM publishes original research articles, case studies, reviews and best practices, and applications, including mathematical models and algorithms.

Topics Covered:

3D GIS Topics:
- 3D augmented and virtual reality
- 3D data collection and reconstruction
- 3D GIS standards
- 3D spatial analysis
- 3D spatial information
- Spatial DBMS

BIM Topics:
- BIM (Building Information Modeling and Management)
- BIM based collaborative working
- BIM in site automation
- BIM standards
- Integrated project delivery
- Location based scheduling

Integration/Fusion Topics:
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- Disaster management
- Environmental management
- Geo-coding and 3D location based services
- Serious games

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EDITOR-IN-CHIEF BIO

Jason Underwood is a senior lecturer in the School of the Built Environment at the University of Salford. He is also Director of Construct IT For Business, an industry-led collaborative membership-based network. His research interests are in the area of concurrent engineering, integrated and collaborative computing in construction, product and building information modeling, and organisational e-readiness. He is actively engaged in the Education & Training working group of the UK Government BIM strategy and the current Chair of the UK BIM Academic Forum.

SUBMISSION INFORMATION

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All submissions and inquiries should be directed to the attention of:
Jason Underwood, Sisi Zlatanova, and Umit Isikdag; ij3dim@igi-global.com

Email: marketing@igi-global.com
Phone: 717-533-8845 x100
Toll Free: 1-866-342-6657
Fax: 717-533-8661 or 717-533-7115