**INSTRUCTIONS TO AUTHORS FOR GEOINFORMATICS 2008 ABSTRACTS**

**February 2008**

## Length

- Abstracts submitted must be between 2,000 to 7,000 characters without spaces for the body.
- Maximum of two figures.
- Follow abstract submission format.

## Text

- Generally speaking, the term "geoinformatics" is not capitalized.
- Spell out an abbreviation or acronym the first time it is mentioned (in **each** abstract, regardless of how common it may be). Put the abbreviation or acronym in parentheses immediately after the spelled-out term, as in the following example: U.S. Geological Survey (USGS).
- For each abstract, include a list of the acronyms used and put it at the end of the abstract for eventual inclusion in a compiled listing at the end of the publication.
- Place any punctuation (comma, period, semicolon, etc.,) **before** any superscripted number; an example of this is in footnoted author affiliations: **S.R. Brady,[1] Fox, P.,[2]** .
- When referring to scales within a map image, use figures (for example, use **1:1,000,000** or **1:1,000,000 scale** *instead* of "1 million" or "1 million scale").
- When making references within the text, where appropriate, use "**and others"** *instead* of "et al."
- Use "**for example**," instead of "e.g.," within the text.
- Affiliations for each author should be spelled out and formatted as shown in the following examples:
    - [1]U.S. Geological Survey, Reston, Va.
    - [2]Scientific Computing Division (SCD), National Center for Atmospheric Research (NCAR), Boulder, Colo.
    - [3]Department of Geosciences, Virginia Polytechnic Institute and State University, Blacksburg, Va.
    - [4]Department of Computer Science, University of Texas at El Paso, El Paso, TX.
- Refer to the following examples for formatting the references within the "References Cited" sections:
    - Billings S.D., Beatson, R.K., and Newsam, G.N., 2002, Interpolation of geophysical data using continuous global surfaces: Geophysics, v. 67, p. 1810-1818.
    - Brock, J.C., Wright, C.W., Kuffer, I.B., Hernandez, R., and Thompson, P., 2006, Airborne lidar sensing of massive stony coral colonies on patch reefs in the northern Florida reef tract: Remote Sensing of Environment, v. 104, p. 31-42.
    - Cox, S.J.D., ed., 2006, Observations and measurements: Open Geospatial Consortium, Inc. document OGC 05-087r4, version 0.14.7, 168 pages, available online at http://portal.opengeospatial.org/files/?artifact_id=17038. (Accessed June 18, 2007.)
    - Fox, P., Gundersen, L., Lehnert, K., McGuinness, D., Sinha, K., and Snyder, W., 2006, Toward broad community collaboration in geoinformatics: Eos, v. 87, no. 46, p. 513.
    - Fox, P., McGuinness, D.L., Middleton, D., Cinquini, L., Darnell, J.A., Garcia, J., West, P., Benedict, J., and Solomon, S., 2006, Semantically-enabled large-scale science data repositories, *in* Cruz, I., and others, eds., The Semantic Web—ISWC 2006, Proceedings

of the Fifth International Semantic Web Conference, Athens, Ga., November 5-9, 2006: Lecture Notes in Computer Science, v. 4273, p. 792-805.
- Ludäscher, B., Altintas, I., Berkley, C., Higgins, D., Jaeger, E., Jones, M., Lee, E.A., Tao, J., and Zhao, Y., 2005, Scientific workflow management and the Kepler system, *in* Concurrency and computation: Practice and experience, special issue on workflow in grid systems: New York, John Wiley and Sons, Ltd., v. 18, no. 10, p. 1039–1065.
- McGuinness, D., Fox, P., Cinquini, L., West, P., Garcia, J., Benedict, J.L., and Middleton, D., in press, The Virtual Solar-Terrestrial Observatory: A deployed semantic Web application case study for scientific research, *in* Proceedings of the 19th Conference on Innovative Applications of Artificial Intelligence (IAAI-07), Vancouver, B.C., Canada, July 22-26, 2007.
- McGuinness, D., and Pinheiro da Silva, P., 2004, Explaining answers from the Semantic Web: The inference Web approach: Web Semantics: Science, services and agents on the World Wide Web, v. 1, no. 4, p. 397-413.
- McGuinness, D.L., Sinha, A.K., Fox, P., Raskin, R., Heiken, G., Barnes, C., Wohletz, K., Venezky, D., and Lin, K., 2006, Towards a reference volcano ontology for semantic scientific data integration, *in* Proceedings of American Geophysical Union Joint Assembly, Baltimore, Md., May 23-26, 2006.
- Medjahed, B., Bouguettaya, A., and Elmagarmid, A., 2003, Composing Web Services on the Semantic Web: Very Large Data Bases (VLDB) Journal, v. 12, no. 4, p. 333-351.
- Raskin, Rob, 2006, Ontologies for earth system science, *in* Sinha, A.K., ed., Geoinformatics: From data to knowledge: Geological Society of America Special Paper 397, p. 195-199.
- Sinha, A.K., Heiken, G., Barnes, C., Wohletz, K., Venezky, D., Fox, P., McGuinness, D.L., Raskin, R., and Lin, K., 2006, Towards an ontology for volcanoes, *in* Brady, S.R., Sinha, A.K., and Gundersen, L.C., eds., Geoinformatics 2006— Abstracts: U.S. Geological Survey Scientific Investigations Report 2006-5201, p. 52.

**Illustrations**

- Use 300 dpi for the best resolution.
- CMYK is used for printed publications.
- All text should be submitted using Word.
- Put graphics into separate documents from the text (**not** into a Word file and **not** into PowerPoint). [*Note:* The reason for this is that Word and PowerPoint converts illustrations to RGB.]
- Photos –Save in **jpg** or **eps** files.
- Graphics –Save in **TIFF (tif)** or **eps** files.
- Screen shots – Screen captures cannot be saved at more than 72 dpi and will **always** be RGB. If a suitable capture cannot be made, the illustration may have to be removed and the abstract rewritten to remove reference to the illustration.
  - Possible fix 1: If the source is from a Web site, provide the URL so we can try to get a new capture, if necessary.
  - Possible fix 2*:* Send a clear, printed copy of the screen shot and we can try to scan it in at a higher resolution.