Welcome

Geospatial Semantics Workshop and GeoVoCamp

June 2-3, 2014

University of Wisconsin-Madison

Nancy Wiegand

SOCoP INTEROP
CYBERINFRASTRUCTURE

NSF

Logistics

- Internet: (browser, Guest Registration)
- Morning and afternoon breaks, Lunch at noon (Room 106), Dinner tonight around 5:30 – 7:30, Cash bar 5:20 – 6:20
- Optional walk before dinner, 5:00 – 6:00
- Format: Talks and breakout groups
- Speakers – please put talk on flash drive (No tape allowed, Use pins and magnets)

NSF Funded Workshop

Community-based Data Interoperability Networks (INTEROP) grant:

Spatial Ontology Community of Practice (SOCoP): an Interdisciplinary Network to Support Geospatial Data Sharing, Integration, and Interoperability

(SOCoP INTEROP, interop.socop.org)

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Spatial Ontology Community of Practice
www.socop.org

- **SOCoP** – National and international group of practitioners, academic researchers, federal and other agency personnel, industry representatives

- All are welcome (contact Gary Berg-Cross, gbergcross@gmail.com), monthly conference calls

- Started in 2006, kickoff meeting at NSF

- Recognize the need for **semantic** interoperability for geospatial data and the

- Potential of knowledge bases, formal representations, and semantic technology

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SOCoP INTEROP Grant

- Apply and develop semantic technologies for the Geospatial domain to promote data interoperability

- 8 members of SOCoP submitted :

  - • Gary Berg-Cross - Knowledge Strategies, Inc.
  - Mike Dean and Dave Kolas – Raytheon BBN Technologies
  - • Nancy Wiegand - University of Wisconsin-Madison,
  - James Wilson - James Madison University
  - Naijun Zhou - University of Maryland College Park
  - Peter Yim - CIM3 Engineering, Inc.
  - John Moeller - JJMoeller and Associates

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Several Workshop Goals

- Semantic technologies in the Geospatial domain – still a research area

    – Hear about systems and applications that have incorporated semantics

    – Work to have these technologies become mainstream (e.g., envision a semantic geospatial search portal for Wisconsin)

- Develop Ontology Design Patterns (ODPs)

- Vision for next steps in geospatial semantics

- Interdisciplinary: different domains and experience represented

Thank you!

Nancy Wiegand

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