

GES 678: Week 13

Post-implementation Resources

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Certifications

- Project Management Institute (PMI)
 - Learn to manage people, processes, and business priorities of professional projects
 - Wide range and levels of training and certifications
 - Project Management Book of Knowledge (PMBOK)
- GIS Certification Institute
 - GISP
 - Requires a wide range of knowledge about GIS
- Urban and Regional Information Systems Association
 - Geospatial Professional Network
 - Offers training and workshops for GIS managers
 - Focus on leadership, communication, and geographic thinking
- Maryland State Geographic Information Committee (MSGIC)
 - “promote coordinated development and efficient use of resources amongst all entities involved in the collection and/or use of spatial data and GIS technologies in Maryland”
- MD iMAP
 - Maryland’s Open Data (enterprise GIS)
 - Data, training, committees, resource links
- State of Virginia (VAMLIS; <https://www.vamlis.org>)

Conferences

- TUGIS
 - Annual, state-wide attendance
 - Opportunity to meet other GIS professionals, present papers, meet vendors
- Other conferences
 - Vendor-sponsored
 - Targeted:
 - * Industries
 - * Sectors
 - * Products

Conclusions

- Tech seminar
 - Requirements Gathering
 - * Instructional/Informational
 - * Gathering specifications
 - * Two-way communication
 - Consensus Building
 - * Generate buy-in
 - * Method for prioritizing
- Describe information products
 - Outputs
 - * Reports, maps, services
 - Inputs
 - * Data sources
 - Availability, update schedule, restrictions, limitations
 - Error tolerance
- Define system scope
 - MIDL
 - Data acquisition
 - Maintenance and update
 - Storage and retrieval
 - Security
- Cost/benefits, risks, change
 - Identify costs, benefits, and risk avoidance
 - Risks
 - * Log, track, report, update
 - * Mitigation plan for risks and issues
 - Change management plan
 - * Communication plan
 - SWOT
- Implementation
 - Culmination of previous steps
 - * Governance
 - * Risks

- * Resources
- * Requirements
- * Products and processes
- * Legal issues
- * Security
- * Change management