



DRAFT

Wisconsin Land Information Council Minutes 2025-02-25

Meeting Date: Wednesday, February 25, 2026
Time: 2:00–4:00 p.m.
Location: [WLIA 2026 Annual Conference](#) | Wisconsin Dells, Glacier Canyon Lodge, Room Sandstone 4-5
Remote ID: [Click here to join the meeting](#) | Meeting ID: 234 850 687 005 64 | Passcode: tt9TX6nQ
 Or call in (audio only) +1 608-571-2209 | Phone Conference ID: 390 204 849#

WLIC Appointees (Y = present; N = not present; some participated via teleconference)					
Adam Derringer	Y	Sarah Hedtke	N	Colter Sikora	Y
Kim Christman	Y	Chris Carrillo	N	Joe Tew	N
Kelly Felton	Y	Christina Muller	N	Howard Veregin	Y
Steve Schauer	Y	Cody Brommerich	Y	Rachel Thompson	Y
GIO (Vacant)					

Other Attendees

Mike Friis, Peter Herreid, Nik Anderson, Nick Gamroth, Staci Hoffman, Zach Robinson, Forrest Funmaker, Tammy Malach, Davita Veselenak

1. **Welcome and Introduction** (Adam Derringer)
2. **Approval of previous meeting’s minutes** from [2025-10-13](#)
 - Motion to approve by Brommerich, seconded by Felton.
 - Minutes approved.
3. **WLIC Business** (Mike Friis)
 - a. **Council membership full following appointments for WLIC positions**
 - Friis reported on the Department of Administration (DOA) WLIC membership.
 - Appointments were made in December for several WLIC representatives (real property lister, land information officer, county surveyor, utility industry representative, register of deeds, and licensed professional land surveyor). Membership is full.
 - b. **Geographic Information Officer position update**
 - Friis reported on the Geographic Information Officer (GIO) position, which is currently vacant.
 - There have been a number of vacancies in the DOA Division of Intergovernmental Relations, all of which while going through the human resources process can take a significant amount of time to fill.
 - DOA has had some trouble filling certain positions, especially those that require a licensed professional land surveyor. The Plat Review Supervisor and another surveyor position had to be posted multiple times.
 - The GIO position is likely next on the human resources docket. The timeline is not certain, but the goal is to post a job announcement this year.
 - There was discussion of what council members could do to support staffing of the GIO position, the possibility of reviewing the previous position description (PD), and how HR policies might affect the feedback process. Discussion of action items was tabled until the end of the meeting.

4. WLIP Program Update (Peter Herreid)

a. WLIP grants and program status

- Herreid provided WLIP program updates.
- The program is in the course of the normal WLIP grant cycle, with 2026 grant agreements being executed. Strategic Initiative grants for 2026 were at the \$20,000 level.
- Register of deeds document recordings are up about 10% for the first half of State FY2026 (July–December 2025). This could mean a slight increase for 2027 Strategic Initiative grants to the \$25-30,000 level, assuming document recordings remain up through June 2026, when the state fiscal year ends.
- Derringer pointed out that the WLIP program priorities were captured in a 2016 document called the WLIP Program Plan (https://doa.wi.gov/DIR/WLIP_Program_Plan_2016-2021.pdf), and encouraged council members to read it and come up with any questions they might have before the next WLIC meeting.

5. Project Updates

a. 2025 Wisconsin Regional Orthoimagery Consortium status and lidar projects (Adam Derringer)

- Derringer reported on the Wisconsin Regional Orthoimagery Consortium (WROC) imagery program.
- 2025 saw collection of data for 33 counties, with the majority of it 3-inch resolution orthoimagery.
- Regarding the 3DEP lidar grant program, in 2025 there were 12 lidar projects. Seven of those were Quality Level 0 (QL0) projects featuring data at the 30 points per meter (ppm) lidar data standard. Five counties in the Wolf River watershed area were collected at the QL1 specification and are starting to be processed before they are sent to the United States Geological Survey (USGS).
- In 2026, there are 19 counties flying imagery this spring. Sixteen will be 3-inch resolution and three counties will be 6-inch.
- Largely in a contiguous area around the upper Fox River valley, eight counties are doing lidar projects this spring.
- About 40 counties are now on a 3-year cycle for collection of imagery, rather than collecting every 5 or ten years.
- Statewide open access to high resolution imagery will soon be available as a service, hosted by the Department of Transportation.
- The WROC consortium has been the largest yet, with about 120 different partners or members participating. Checks are projected to be going out to counties this May to June.

b. Legislative update on AB216/SB218 real estate transfer fee (Nik Anderson and Nick Gamroth)

- Anderson provides updates on AB216/SB218, the real estate transfer fee funding bill. It proposes using part of the real estate transfer fee (RETR) in order to fund the Land Information Program.
- The bills passed committees in the Senate and Assembly, but it looks like the legislation is not going to pass during this session. However, efforts by the Wisconsin Land Information Association (WLIA) will continue.
- The WLIA Legislative Committee will review the approach going into next legislative session. With elections in November, there is a possibility of political changeup. There are different possible approaches to increasing land information funding. WLIA is open to all options and will seek out legislative champions.

c. Other legislative updates (Nik Anderson and Nick Gamroth)

- Gamroth provided updates on various legislation, including (AB831/SB813), the personal property cleanup bill that deals with building, fixtures, and improvements (BFIs).
- A metes and bounds legal description was removed from the draft legislation. BFIs will likely be tracked in the geospatial world as points rather than polygons.
- WLIA and stakeholders are working with the Department of Revenue on the DOR-prescribed forms that will be attached to the BFI document itself.
- The election official shielding law (2025 Wisconsin Act 7) went into effect in July of 2025 but offers no specific guidelines on shielding an election official's personal information. There are to-date no known cases of requests for shielding under Act 7.
- The WLIA Legislative Committee has advised the Wisconsin Counties Association and other stakeholders on other potential land records-related legislation which did not go anywhere, such as the uniform easement relocation act.
- The WLIA Legislative Committee has made updates to WLIA white papers on the website (<https://www.wlia.org/legislative-whitepapers>).

d. Act 235 Judicial Privacy Law implementation update (Staci Hoffman)

- Hoffman reported on Act 235 trailer legislation, now [2025 Wisconsin Act 25](#), signed into law in August. It clarifies some provisions of the judicial privacy law.
- Only eight counties in the state have received requests for shielding under the law.
- Gamroth stated that WLIA will be continuing to look out for privacy-related efforts in future legislative sessions, with discussions ongoing on how to potentially handle possible future protected classes and privacy legislation as a whole.
- WLIA published a [Judicial Privacy Task Force Final Report](#) that includes recommendations.
- [AB445](#) deals with clarification of Register of Deeds duties and is scheduled to be heard in an Assembly floor session on March 17, 2026.
- AB445 makes a change to the fee for transportation project plats, which was formerly a \$25 fee that was fully retained by the county. If the legislation passes, transportation project plats will be subject to the flat \$30 document recording fee. This is estimated to affect state revenues by 2,000 dollars for the state over the course of one year.

e. State Cartographer's Office Update (Howard Veregin)

- Veregin provided updates on various SCO projects.
- For the statewide parcel map, DOA and SCO are twelve years in, on Version 12 (V12). Parcel data is available on the [parcel webpage](#) archived going back to V1. A statewide PLSS layer is also available.
- On the matter of judicial privacy shielding, SCO has so far received zero requests for shielding. A workflow is in place with a process approved by UW–Madison legal counsel.
- SCO is hosting a free all-day forum for PLSS. The [2026 PLSS Forum](#) will be held in Antigo, Wisconsin on Thursday, May 14th, 2026.
- SCO is also facilitating a group on the topic of the state line. There is interest in a GIS layer depicting the state boundary. There are currently a variety of boundaries and GIS datasets in use which fall short on cartographic accuracy. SCO intends to put together a white paper with the Wisconsin County Surveyors Association and other stakeholders like state agencies.
- SCO is also undertaking a “government lands” project, relating to parcels and the depiction of public lands. Property owner name information and the attribute [AUXCLASS](#) (auxiliary class of property) in the statewide parcel layer are useful in beginning to identify federal, state, and county-owned lands. But there are different ways that local governments use the AUXCLASS values, complicated cases that do not code easily, and limitations in local data where property listers are restricted to maintaining data that is consistent with the deed. The SCO government lands effort is expected to be a basic starting point.
- SCO and the Forest Landscape Ecology Lab offer a database and updated search interface for General Land Office (GLO) plat maps and survey notes from the 1830s-1860s, in the [Wisconsin General Land Office Survey Records Database](#).
- In 2025, SCO released an app called the [Bordner Survey Viewer](#), featuring 1930s-era data that mapped land use. It was a multi-year funded in part by the Department of Natural Resources and the Wisconsin Coastal Management Program (WCMP).
- In other WCMP projects, an estuary map of the Lake Superior National Estuarine Research Reserve was completed. A project called OneMap for coastal and other resource management in Brown and Outagamie County harmonized different data layers. A conservation habitat easement tool has also been developed.
- [GeoData@Wisconsin](#) is now hosting the WisconsinView imagery archive in a web service container with discoverable and downloadable data.

6. Other Business

- There was discussion of the GIO position, and how the Council might advise DOA in the hiring process.
- It was concluded that Council members could review the former position description and prepare content for sharing with DOA no later than next WLIC meeting, projected to be on May 18, 2026.
- Council members could reach out to their constituent groups for comments, possibly formulating a bulleted list of duties, to send to DOA.
- Friis encouraged that comments be based on the existing PD, with focus what would appear to be missing from the job description. He will meet with division leadership on the timeline.
- The 2014 PD and 2007 PD are public documents.
- Reference:
 - [Appendix A – 2014 DOA Geographic Information Officer Position Description](#)

7. Next Steps/Action Items

- Next WLIA meeting – WLIA [2026 Spring Conference](#): May 18-20; Ashland
- Mike Friis: Obtain and share 2014 GIO position description.
- Council members: Reach out to constituents on GIO PD with comments back by May 4th.
- Council members: Read and prepare comments/questions on [WLIP Program Plan](#) for the next WLIC meeting.

8. Adjourn

- Meeting adjourned at 3:42 pm ###

2014 DOA Geographic Information Officer Position Description

Geographic Information Officer
Policy & Initiatives Advisor - Admin. (81-02)

Position Summary

Under the general direction of the Division of Intergovernmental Relations Division Administrator and as a part of the Wisconsin Land Information Program, serve as the state's Geographic Information Officer. Identify Wisconsin's geographic information needs and priorities, and provide leadership and coordination amongst the geospatial community to meet those needs. Prepare guidelines to coordinate the modernization of land records and land information systems. Make recommendations on WLIP program and policy, including local funding prioritization in the form of WLIP grant requirements.

Goals and Worker Activities

A. 20 % - GENERAL: Serve as the state's Geographic Information Officer.

- A1. Act as a geographic information expert for the State of Wisconsin.
- A2. Recommend policies, legislation, and implementation strategies needed to develop and maintain Wisconsin's geographic information infrastructure.
- A3. Engage in statewide strategic GIS coordination, planning, and related budgeting responsibilities, while meeting the objectives of the Governor's "Lean Government" initiative.
- A4. Stay abreast of changing enterprise GIS business needs and technology capabilities and make recommendations for changes to strategic direction as appropriate to ensure that Wisconsin government leverages technology effectively in service delivery.
- A5. Look for new sources of funding for land information, including federal grants.
- A6. In cooperation with the DOA Division of Enterprise Technology, provide assistance and advice to state agencies and local governmental units with land information responsibilities, as directed in s. 16.967 (3)(a).
- A7. Promote and facilitate GIS data sharing, and make recommendations for information sharing arrangements with state, local, and tribal governments.

B. 30% - LEADERSHIP/COORDINATION: Identify Wisconsin's geographic information needs and priorities, and provide leadership and coordination amongst the geospatial community to meet those needs.

- B1. Play a lead role in the Statewide Digital Parcel Map Initiative, including the engagement of stakeholders in participatory planning process and other strategic planning and implementation tasks.
- B2. Strengthen the working relationship between state agencies and the federal, local, or tribal governments in the state.
- B3. Coordinate with the GIS units of Wisconsin's state agencies.
- B4. Analyze the interests of land information stakeholders, such as land information officers, register of deeds, surveyors, emergency management coordinators, realtors, real property listers, land use planners, zoning administrators, and state agency GIS personnel.
- B5. Communicate strategic GIS issues at the appropriate level across a range of stakeholders including elected and appointed officials, organization executives, business/program managers, technology professionals, vendors, and the public.
- B6. Meet with the State's Information Technology Directors Council, Wisconsin Land Information Association (WLIA), Land Information Office Network (LION), State Agency Geographic Information Committee (SAGIC), Wisconsin Geographic Information Coordinating Council (WIGICC), and serve as a delegate to the National States Geographic Information Council (NSGIC), and other relevant groups.
- B7. Serve on Committee on State Cartography, the advisory committee to the State Cartographer's Office (SCO).
- B8. Coordinate with SCO to maximize efficiencies between the statutory duties of SCO and DOA.
- B9. Make recommendations and strategize on how to implement recommendations from the 2012 Deer Trustee Report.
- B10. Support and help state agencies coordinate geospatial data layers that are needed to support public safety and emergency management activities when an Emergency has been declared by the Governor.

C. 30% - STANDARDS: Prepare guidelines to coordinate the modernization of land records and land information systems, as directed by s. 16.967(3)(c).

- C1. Through a collaborative process, create standards and guidelines for Wisconsin geospatial data and metadata for state, regional, and local units of government so that data and metadata can be made available in a manageable, interoperable, and consistent format.
- C2. Research change and advancements in GIS technology and practices, leading the development of an enterprise vision for statewide geographic information systems policies and standards, and work in cooperation with the DOA Division of Enterprise Technology to implement GIS technologies.
- C3. Facilitate the review, assessment, and approval of county land information plans, as well as updates to county land information plan instructions.

D. 20% -WLIP COORDINATION: Make recommendations on WLIP program and policy, including local funding prioritization in the form of WLIP grant requirements.

- D1. Identify and prioritize strategic statewide objectives for the WLIP within the WLIP framework elements, including the development of a statewide digital parcel map.
- D2. Prioritize GIS map layer development and work towards achieving complete and maintained statewide coverage for prioritized layers.
- D3. Through a participatory planning process, assist in the development of benchmarks for county land information system development, including but not limited to parcel and property tax assessment data.
- D4. Assist in the update of WLIP grant agreements.
- D5. Assist in monitoring and enforcement of WLIP grant agreements, including requirements for data sharing.

Position Description - Knowledge and Skills Required

General

- Strong oral communication and interpersonal skills including the ability to establish credibility, use consensus-building to reach decisions, moderate meetings and panels, and lead a workgroup that effectively and efficiently uses participants' time.
- Knowledge of Wisconsin Land Information Program statutes, administrative rule, and grant program.
- Knowledge of Wisconsin Land Information Program stakeholder groups, such as Land Information Officers Network (LION), Wisconsin Land Information Association (WLIA), Wisconsin Register of Deeds Association, and State Agency Geographic Information Committee (SAGIC).
- Broad knowledge and experience working with government or public administration at all levels, including understanding of public sector business environment and use of information technology.
- Experience in analyzing enterprise business and technology issues in a large corporation or government organization.
- Strong analysis skills grounded in technology, business planning, and management.
- Strategic planning and/or business plan development experience.
- Strong written communication skills including the ability to communicate technical information effectively to a wide range of audiences including the public and produce clear, concise reports and proposals.
- Ability to learn quickly, synthesize complex information, identify key points, and communicate results accurately and effectively.
- Resourceful in identifying and obtaining information sources needed to perform responsibilities effectively.
- Ability to manage projects, and parse large projects into individual tasks to achieve short-term results in service of long-term goals.

GIS / Technical

- Knowledge of GIS technology principles and practices.
- Experience with or understanding of Esri's ArcGIS technologies and/or related third party GIS or imaging software.
- Familiarity with GIS/technical skill in areas such as: geodatabase design, cadastral mapping, historical data archival/retrieval, cartography, data modeling, programming, metadata creation and data publishing, and/or data quality standards.
- Experience with or understanding of parcel indexing and addressing systems.

2007 DOA Geographic Information Officer Position Description

Policy Initiatives Advisor - Administrative
Geographic Information Officer

Position Summary

Under the general direction of the Chief Information Officer (Division Administrator), supervise and manage the Geographic Information Systems and Information Systems Section of the Administrator's Office. Coordinate GIS activities among state agencies, counties, cities and tribal governments. Establish an enterprise geographic information service for all levels of government including appropriate data sharing using best practices. Identify and create policies and strategies for the enterprise Geographic Information Systems. Oversee the awarding of grants to fund geospatial data and to create information sharing agreements with all levels of government in Wisconsin. Manage systems integration functions such as the enterprise bus.

Goals and Worker Activities

- 30% **A. Facilitate the coordination of GIS activities amongst state agencies, counties, cities and tribal governments.**
- A1. Identify Wisconsin's geographic information needs and priorities and to promote cooperation in meeting these needs.
 - A2. Provide ongoing coordination of GIS efforts between state agencies, city, county and tribal governments.
 - A3. Coordinate with the GIS units of Wisconsin's Department of Natural Resources and Department of Transportation.
 - A4. Identify the GIS needs and requirements of state agency projects and programs.
 - A5. Facilitate the education and training of agency staff in GIS concepts and applications.
 - A6. Serve as the state agency GIS liaison with the State's Technology Leadership Council (TLC); serve as a voting member on the council.
 - A7. Serve as the state-agency liaison with the Wisconsin Land Information Association (WLIA) and Land Information Office (LIO) Network.
 - A8. Expand Wisconsin Land Information Program and GIS efforts.
 - A9. Coordinate efforts with the State Cartographer on federal programs such as the Geo-Spatial One Stop and the National Map, and between national coordination organizations such as the national States' Geographic Information Council.
 - A10. When requested, provide guidance to local governments.
 - A11. Act as the geographic information expert for the State of Wisconsin.
- 15% **B. Enforce the adoption of appropriate data sharing, and the employment of best practices.**
- B1. Facilitate state agency GIS/LIS standards development.
 - B2. Plan the development of a GIS service center, particularly for other state agencies with no GIS capability.
 - B3. Provides oral and written progress reports and updates to superiors and oversight committees.

- B4. Serve as the primary forum for members to seek consensus on policies that promote development and dissemination of a comprehensive GIS infrastructure in Wisconsin.
- B5. Coordinate with the State Cartographer on participation in federal programs, and in seeking federal and other funds to support Wisconsin Land Information Program (WLIP) initiatives.
- B6. Provide recommendations on policy alignment with local and regional GIS needs and be a focal point for partnerships to build Wisconsin's geographic information infrastructure.
- B7. Recommend policies, institutions and implementation strategies needed to develop and maintain Wisconsin's geographic information infrastructure.
- B8. Prepare and implementation plan that identifies quarterly and annual objectives for implementing the Wisconsin's Geographic Information Infrastructure.
- B9. Use technical as well as administrative skills to ensure that GIS technology is used properly and efficiently in state agencies, city, county and tribal governments.
- B10. Be aware of the spatial information needs of the agency, and the resources that are needed to meet them.
- B11. Set project goals and objectives, establish completion dates, obtain necessary resources, monitor and evaluate the work of subordinates, and coordinate activities with the GIS user departments or offices.
- B12. Work with the State Cartographer to provide coordination, education, outreach and technical support of statewide mapping and the WLIP.
- B13. Work to expand the role of the State Cartographer to enhance the new paradigm for the WLIP, provide vital data repository/access services for the entire community, and educational services for local governments.
- B14. Work with the State Cartographer to develop, provide and facilitate the land information "clearinghouse"; technical support to county LIOs.
- B15. Serve as a member of the Technology Leadership council, and assist with outreach and stakeholder activities.
- B16. Advocate for the WLIP and coordinate state geographic information systems (GIS) efforts.
- B17. Develop and implement guidelines for state agency plans to integrate land information initiative for the state to partner with the federal government to complete digital soils mapping statewide by 2006.
- B18. Provide County Land Information Officers (LIOs) and others with a public forum for land records modernization issues.

10% C. Maintain effective, robust land programs while meeting the Governor's objective of reducing the size of government.

- C1. Establish plans, strategies and further the implementation of the Wisconsin Land Information System (WLIS) Web-based portal concept to tie together data residing in various locations.
- C2. Continue the WLIS pilot project which has been completed by the WIDNR.
- C3. Ensure that Wisconsin data from a wide variety of producers, including state, regional and local units of government and tribes is made available in a manageable and consistent format.
- C4. Ensure public access and integration of the land information collected by local, state and federal organizations and businesses.

- C5. Promote data management efforts and comprehensive planning, as well as coordination of training and technical assistance to local officials regarding data requirements and planning issues.
 - C6. Maintain effective, robust land programs while meeting the Governor's objective of reducing the size of government.
 - C7. Support implementation of land information initiatives across state government.
- 15% D. Identify and prepare document describing strategic directions for Enterprise-wide Geographic Information Systems.**
- D1. Maintain a working knowledge of the agency's functions and activities including knowledge of the databases and software used in those functions and activities.
 - D2. Work with DET management on issues requiring legislative involvement.
 - D3. Draft and manage proposed legislation.
 - D4. Direct the development of and ensure accuracy of statutorily mandated reports concerning the Department's activities regarding Geospatial resources and other related enterprise initiatives.
 - D5. Stay abreast of changing enterprise business needs and technology capabilities and make recommendations for changes to strategic direction as appropriate to ensure that Wisconsin government leverages technology effectively in service delivery.
 - D6. Evaluate technology proposals from agencies and others; identify and-effectively communicate strengths and weaknesses; propose alternatives; make recommendations regarding modification, approval/denial and inclusion in the enterprise portfolio.
 - D7. Communicate strategic GIS issues at the appropriate level across a range of stakeholder including elected and appointed officials, organization executives, business/program managers, financial analysts, technology managers, technology professionals, vendors and the public.
 - D8. Identify and implement effective methods of engaging agency and inter-governmental staff and managers in working on common GIS issues.
 - D9. Provide expertise and consulting support to user agencies and customers.
- 10% E. Make recommendations on awarding grants to fund geospatial data, and to create information sharing agreements with state, local and tribal governments.**
- E1. Leverage existing funding and develop new partnerships and resources to build and maintain Wisconsin's geographic information infrastructure.
 - E2. Assist and coordinate all efforts regarding federal programs and contacts.
 - E3. Ensure that budget dollars appropriated for GIS activities are spent to continue efforts in development of the WLIS and develop new funding strategies to ensure that work continues.
- 20% F. Supervision of Staff**
- F1. Determine staff needs as part of the annual planning process and recruit, hire, assign and discipline employees.

- F2. Recommend/initiate personnel actions such as reclassification, reallocation, competitive promotion, as needed to ensure appropriate and effective allocation of staff resources and recognition of staff skills and responsibilities.
- F3. Organize and schedule staff to provide optimum use of resources and effective performance.
- F4. Establish goals and objectives for the area. Monitor progress against plans, review employee performance, provide appropriate feedback to employees on performance, take appropriate disciplinary action, assist staff to prepare individual career development and training plans, provide recognition for superior performance and resolve grievances, as needed.
- F5. Implement Affirmative Action policies and procedures, harassment and discrimination policies and advancement opportunities for all staff. Communicate information about these policies, procedures and opportunities.
- F6. Provide a weekly status report to the Deputy Administrator of current section activities and issues that need to be addressed.

Knowledge and Skills

General

- Broad knowledge and experience working in government at all levels, including understanding of public sector business environment and use of technology.
- Familiarity with the principles and practice of public administration.
- Familiarity with the concepts and practice on information management.
- Experience in analyzing enterprise business and technology issues in a large corporation or government organization.
- Strong analysis skills grounded in technology and business planning and management.
- Ability to influence others and encourage creative and broad thinking to identify solutions.
- Effective use of consensus building to reach decisions.
- Ability to establish credibility so decisions and recommendations are adopted.
- Ability to obtain information and insight even when others are reluctant to share.
- Ability to learn quickly; synthesize complex information; identify key points and communicate results accurately and effectively.
- Ability to identify appropriate members and develop effective teams with specific knowledge and skills needed to develop solutions and make recommendations.
- Resourceful in identifying and obtaining information sources needed to perform responsibilities effectively.
- Ability to work independently and exercise appropriate discretion with a minimum of supervision and produce effective, acceptable results within short time frames.
- Experience working directly with management and understanding management perspective and requirements.
- Strong oral and written communication skills including the ability to communicate business and technical concepts and information effectively to a wide range of audiences including the public.

- Strong inter-personal skills including the ability to work independently with high-level government officials, business and IS managers and staff in federal, state and local agencies, and with division and department managers.

Technological / Specific

- Extremely knowledgeable about geographic data and mapping. The position demands a geographic “visionary”.
- Background in GIS technology and a thorough knowledge of GIS software and familiarity with database software.
- IT skills emphasizing on GIS.
- Knowledge on geographic data management and activity and information analysis processes.
- Knowledge of legal aspects on GIS.
- Outstanding technical skills in land information and GIS.
- Demonstrated theoretical background and substantial experience in location based services and upgrading of communities, with particular reference to information systems to support them; thorough knowledge and understanding of parcel indexing and addressing systems.
- Proven ability to produce reports and papers on policies, advocating appropriate initiatives to governments, partners and related organizations.
- Proven ability to plan and organize work, requiring an in-depth understanding of regional issues and ability to integrate into the work of others.
- Strong written and verbal communication skills.
- Ability to defend and explain difficult issues with respect to key decisions and positions to staff and senior officials.
- Proven ability to communicate complex concepts orally; ability to prepare written reports that are clear, concise and meaningful.