



Hatfield
CONSULTANTS

Environmental Specialists Since 1974

ENVIRONMENTAL INFORMATION SYSTEMS

HATFIELD SUPPORTS PROJECTS WITH:

Compliance reporting systems

Environmental data digitization and management

Information system audits and assessments

Traditional Knowledge mapping and data management

Geodatabase design, development, and maintenance

Automating field data collection systems

Sensor-web enablement

APPLICATIONS:

Hydrometric , water quality and climate data integration systems

Community based monitoring platforms

Environmental data interoperability and exchange systems

Stakeholder engagement platforms

Web-GIS mapping and analysis systems

Satellite data integration and analysis platforms

Cultural resource management systems

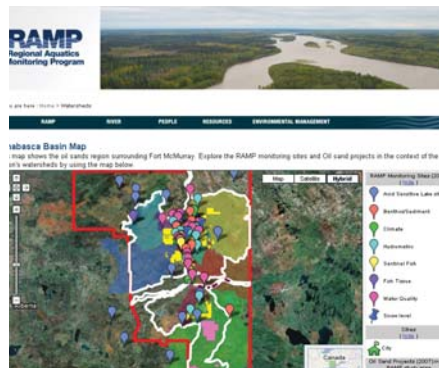
User needs drive the development of all our environmental information systems. We have in-depth expertise in designing, developing, and maintaining online environmental information systems. By combining our user-focused design process with information technology know-how and state-of-the-art environmental science, we are able to devise practical and useful solutions that meet your information-management needs.

FEATURED PROJECTS



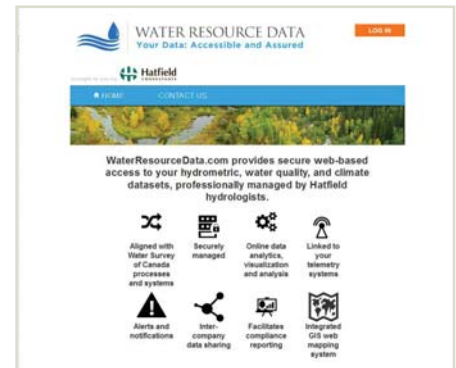
REFINEMENT OF FINAL HABITAT PRE-DISTURBANCE MODELS FOR THE OIL SANDS DEVELOPERS GROUP (OSDG)

Hatfield designed and developed automated methods and tools to extract stream habitat data out of a wide variety of excel data files gathered by OSDG member companies over a 5-year period. This system provided a user-friendly data-validation system that provided feedback directly in the provided Excel files. After validation all data was loaded into a consistent schema that allowed for cross-company comparisons and geo-spatial queries.



REGIONAL ENVIRONMENTAL MONITORING DATA MANAGEMENT

Hatfield manages the Oil Sands Regional Aquatics Monitoring Program (RAMP). In 2004, we developed a web-based environmental data management system to store, analyze and provide access to climate, hydrology, water quality, sediment quality, lake acidity, fish inventories, fish pathology and benthic invertebrate data collected from hundreds of stations through RAMP. Hatfield also developed the RAMP website, accessible online at: www.ramp-alberta.org



ONLINE PORTAL FOR WATER RESOURCES DATA

WaterResourceData.com provides near-real-time data access to hydrometric, water quality, and climate station data that has been gathered through telemetry or manual means. Clients have access to secure and up-to-date data, along with a variety of data analysis, quality assurance, and visualization tools. Current clients use WaterResourceData.com to allow for inter-company data sharing/availability and to facilitate ongoing monthly compliance reporting.

WWW.HATFIELDGROUP.COM



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WHY HATFIELD CONSULTANTS?

Hatfield Consultants has built a worldwide reputation in environmental services with over 4,000 projects in Canada, Asia, Africa, South America and Europe. Hatfield established our office in Fort McMurray in 2003, and we are established as the leading provider of environmental services for the Oil Sands region. Our local presence means we are well positioned to respond to your individual project needs and requirements and to deliver cost-effective, high quality services.

We help you apply best environmental practices and contribute to a sustainable future.