



**Hatfield**  
CONSULTANTS

Environmental Specialist Since 1974

# WATER MANAGEMENT

*Hatfield provides a complete set of water management services to Canadian and international clients*

**WE PROVIDE A FULL SPECTRUM OF  
WATER-MANAGEMENT SERVICES,  
INCLUDING:**

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Design and installation of climate and hydrometric stations

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All-season streamflow and lake-level monitoring

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Hydrological data management and analysis

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Flood mapping, historical analysis and model integration

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Water-resource assessment and reporting

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Basin-level environmental monitoring & management

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Capacity-building and training

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Development of multi-stakeholder River Awareness Kits

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[WWW.HATFIELDGROUP.COM](http://WWW.HATFIELDGROUP.COM)

Hatfield offers a full range of water resource services from hydrometric monitoring to institutional strengthening for international trans-boundary river basins. We provide effective water management services through an approach that combines field experience with equipment and software for hydrometric data collection and analysis.

#### EQUIPMENT AND SOFTWARE

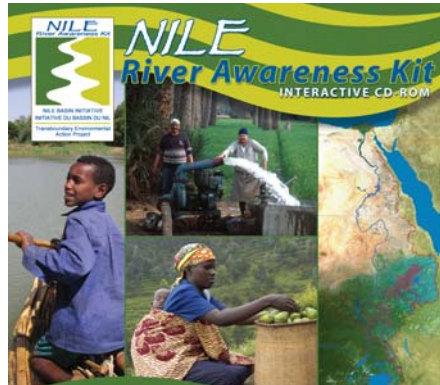
Hatfield's equipment and software includes the use of a SonTek FlowTracker Acoustic Doppler Velocimeter (ADV) flow meter, a General Dynamics GoBook XR-1 notebook computer and Aquarius software for optimizing data processing, analysis, presentation and reporting.

## FEATURED PROJECTS



### REGIONAL AQUATICS MONITORING PROGRAM (RAMP)

Hatfield manages one of the largest non-government hydrometric networks in North America, providing long-term, highly accurate hydrometric data for the Regional Aquatics Monitoring Program (RAMP). RAMP covers a 68,000-km<sup>2</sup> area with a network of over 35 hydrometric stations; 16 snow-survey sites; and numerous multi-parameter climate stations. Many of these sites are in remote locations and require implementation and management of a wide variety of continuous monitoring devices and telemetry systems.



### RIVER AWARENESS KITS (RAKS)

Hatfield has developed River Awareness Kits (RAKs), a pioneering approach to presenting information on transboundary water resources that provides river basin managers with effective tools and methods to address water-management issues. We have produced several RAKs, including for the Lower Mekong River basin, Nile River basin, and Orange-Senqu River basin. For details, visit: [www.riverawarenesskit.com](http://www.riverawarenesskit.com).



### FLOOD MAPPING IN THE MEKONG RIVER BASIN

Hatfield has developed an operational flood-mapping service for the Mekong River using satellite imagery that provides the Mekong River Commission with mapping products in near real time. As an additional feature, the system encompasses socio-economic and environmental information. The combination of satellite and mapping technologies provides visual and analytical information to assess the vulnerability of communities and reduce the risk of adverse effects from flooding.

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## WHY HATFIELD CONSULTANTS?

Established in 1974 and based in Vancouver, Canada, Hatfield Consultants has built a worldwide reputation in environmental services with over 1,600 projects in Canada, Asia, Africa, South America and Europe. With company offices in Canada, Indonesia, Laos and Botswana, as well as business partners in Chile and Thailand, we are well positioned to respond to your individual project needs and requirements – wherever you are.

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