PTAC

Alberta Upstream Petroleum Research Fund

Presenting AUPRF funded Research & Panel Conversation

PETROLEUM TECHNOLOGY ALLIANCE CANADA

From Assessment to Closure: Addressing Technical Gaps in Chloride, Salinity and Peat Management

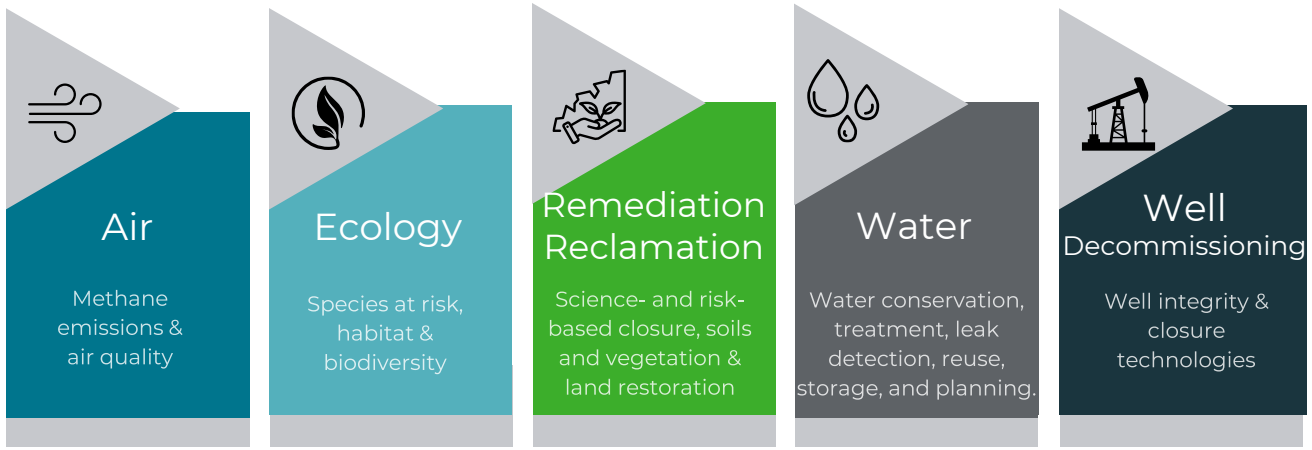
RemTech 2026 | October 15, 2026 | Banff

AUPRF in One Minute

Shared problems, shared investment and shared practical results

Technology development, applied research and best practices for Alberta's upstream oil and gas industry.
Industry-led. Government-informed. PTAC delivered.

5 Technical Committees & Governance through an Oversight Committee



Why It Works

Trusted governance with participation from Alberta Operators, AEPA, AER, CAPP, EPAC and other partners.

Research is driven by operational need addressing common operational challenges identified by AB producers.

Practical outcomes at a fraction of the cost delivering tools, guidance, field demonstrations and evidence that support operational decisions and inform future policy.

Annual voluntary well levy issued by the **AER** and independently managed by PTAC, supported by Alberta Government, CAPP, EPAC, Alberta Energy Regulator

1. Industry defines the challenges
2. Technical Committees frame research opportunities
3. Targeted RFPs attract solutions
4. Projects generate tools and evidence
5. Results support decisions, dialogue, and regulatory outcomes

AUPRF Funded Research

Addressing Technical Gaps in Chloride, Salinity and Peat Management

1

Identification of Research Gaps in Chloride and Salinity Management
What are the major technical gaps and where is further work needed?
Presenters: **Greg Huber** – Equilibrium Environmental, **Ian Mitchell** – Millennium EMS Solutions, and **Daniel Pollard** – Onterris

2

Evaluation of Chloride Soil-Groundwater Partitioning, in Support of Guideline Updates
A specific example of research addressing one of those technical/guideline challenges
Presenter: **Daniel Pollard**, Onterris

3

Analytical Methodologies & Interpretation of Analytical Results in Peat
What happens when conventional analytical methods and guideline assumptions don't adequately reflect complex soil conditions?
Presenter: **Maria Kudienko**, SLR Consulting

…how we strengthen the science and evidence supporting environmental assessment, remediation, and closure.

Panel Conversation

“From Research to Practice: Addressing Technical Challenges in Assessment, Remediation and Closure”

Moderator

- **Steve Kullman**, Canadian Natural

Panelists

- **Jason Desilets,** Cenovus
- **Daniel Pollard,** Onterris Canada
- **Greg Huber**, Equilibrium Environmental
- **Ian Mitchell**, Millennium EMS Solutions
- **Maria Kudienko**, SLR Consulting

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To ask a question please text:

1403-542-1071

PTAC Session at RemTech 2026