

**Strategic Project Grants  
International Collaborations  
Concurrent Call for Joint Research Projects  
2014 Results**

ANR – Agence nationale de la recherche, France  
NSC – Ministry of Science and Technology, Taiwan  
JST – Japan Science and Technology Agency  
BRZ – Fundação de Amparo à Pesquisa do Estado de São Paulo (FAPESP),  
Brazil\*

Environmental Science and Technologies		
Name Department Institution Co-applicant(s)	Project Title Partners	Term \$ awarded (Year 1)
Mayer, Bernhard Geoscience Calgary with: <ul style="list-style-type: none"> <li>• Parker, Beth</li> <li>• Clarkson, Christopher</li> </ul>	ANR – Environmental baseline conditions for impact assessment of unconventional gas exploitation: advancing geochemical tracer and monitoring techniques <ul style="list-style-type: none"> <li>• Gov't of Yukon</li> <li>• Total</li> <li>• Northern Cross (Yukon) Limited</li> </ul>	3 years \$173,575
Mohseni, Madjid Chemical and Biological Engineering British Columbia with: <ul style="list-style-type: none"> <li>• Gagnon, Graham</li> <li>• Barbeau, Benoit</li> <li>• Taghipour, Fariborz</li> <li>• Dorner, Sarah</li> </ul>	JST – Innovative UV technologies for the removal emerging contaminants and sustainable water supplies in small communities <ul style="list-style-type: none"> <li>• Kerr Wood Leidal Associates Ltd.</li> <li>• BI Pure Water (Canada) Inc.</li> </ul>	3 years \$163,500
Ormecci, Banu Civil and Environmental Engineering Carleton	ANR – Next generation sludge treatment: optimization of treatment performance through on-line monitoring of holistic sludge properties <ul style="list-style-type: none"> <li>• Real Tech Inc.</li> <li>• ENDETEC</li> <li>• Tetra Tech Inc.</li> </ul>	3 years \$96,000
Information and Communications Technologies		
Azana, Jose Centre Énergie, Matériaux et Télécommunications	ANR – Custom laser pulse-trains and Frequency cOms using Space-Time duality (FROST)	3 years \$149,000

<p>INRS with:</p> <ul style="list-style-type: none"> <li>• LaRochelle, Sophie</li> </ul>	<ul style="list-style-type: none"> <li>• Genia Photonics Inc.</li> </ul>	
<p>El-Sheimy, Naser Geomatics Engineering Calgary</p>	<p>NSC – Architecture design and software development for UAV-based multisensory mapping system</p> <ul style="list-style-type: none"> <li>• Cansel</li> <li>• LiDAR Service International Inc.</li> <li>• Northern Cross (Yukon) Limited</li> </ul>	<p>3 years \$119,000</p>

*\* No awards were made in collaboration with Brazil.*