

# PASCAL RHEAUME, P.Eng., M.Sc.A.

Bécancour (QC), Canada

[pascal@rheau.me](mailto:pascal@rheau.me)

## PROFILE

Pascal Rheaume is the team leader of the air quality group in the Province of Québec. He has successfully led several industrial projects providing innovative, efficient and sustainable air quality solutions.

As the modelling director, Mr. Rheaume has overseen various mining mandates such as Dumont, Arnaud, Joyce Lake, Black Rock, Ariane Phosphate, Niobec, Bloom Lake, Mont-Wright and Canadian Malartic. He has also been in charge of the atmospheric dispersion modelling for several large industrial complexes, including the Rio Tinto plants in the Saguenay-Lac-St-Jean region, Rio Tinto Iron & Titanium, McInnis Cement, FerroQuebec, ArcelorMittal's plants in Port-Cartier and Contrecoeur, etc.

Mr. Rheaume is proficient in the use of state-of-the-art air quality models and has developed expertise in airshed modelling. He also has great skills in the design and development of tools for data visualization and analysis. Since he became Team Leader, Mr. Rheaume has led a R&D project to develop an integrated management system for noise and dust control. He also serves as a software architect for various in-house development projects at WSP Canada.

## PROJECT MANAGEMENT SKILLS

- Ability to lead cross-functional project teams
- Experience managing and growing engineering teams
- Strong negotiating, listening and interpersonal skills
- Operate well in a fast-paced, collaborative environment
- Negotiating contracts and bids
- Driving projects to meet aggressive deadlines
- Excellent written, verbal communication and presentation skills
- Good understanding of current and future technology trends

## EDUCATION

- |  |                                       |      |
|--|---------------------------------------|------|
| • Master's degree in Nuclear Engineering | École Polytechnique de Montréal       | 2005 |
| • Bachelor's degree in Physics           | Université du Québec à Trois-Rivières | 2003 |
| • Bachelor's degree in Computer Science  | Université du Québec à Trois-Rivières | 2003 |

## EXPERIENCE

- |                                   |  |           |
|-----------------------------------|--|-----------|
| • Project director<br>Air Quality | WSP Canada Inc.<br>Trois-Rivières, Québec.             | 2012-2021 |
| • Project Manager<br>Nuclear Unit | GENIVAR Inc.<br>Montréal, Québec.                      | 2009-2012 |
| • Nuclear Analyst                 | International Safety Research Inc.<br>Ottawa, Ontario. | 2007-2009 |

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|--------------------------------------|--|-----------|
| • Nuclear Analyst                    | Analyse et fiabilité nucléaire<br>Hydro-Québec, Montréal, Québec.                | 2006      |
| • Research assistant<br>ATLAS (CERN) | Département de physique<br>Université McGill.                                    | 2005      |
| • Lecturer                           | École Polytechnique de Montréal, Québec.   | 2004      |
| • Research assistant                 | Institut de recherche sur l'hydrogène<br>Trois-Rivières, Québec.                 | 2002-2003 |
| • Research assistant                 | Laboratoire des technologies de l'énergie<br>d'Hydro-Québec, Shawinigan, Québec. | 2000-2002 |

## PROFESSIONAL AFFILIATIONS

- Ordre des ingénieurs du Québec

## AWARDS

- Hydro-Québec nuclear engineering scholarship

## LANGUAGES

- French
- English

## SECURITY CLEARANCE

- Secret (level 2)