

# Opportunities at Amec Foster Wheeler



## Physical Oceanographer

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Business Unit: **Environment & Infrastructure**  
Job Location: **Dartmouth, NS or St. John's, NL**  
Job Reference Number: **20729**

**Amec Foster Wheeler Environment & Infrastructure** is seeking a **Physical Oceanographer** for the Met-Ocean Services team based in Dartmouth, Nova Scotia, and St. John's, Newfoundland.

The Met-Ocean Services group delivers comprehensive consulting, analytical and numerical modelling applications of physical oceanography to support clients in a wide range of offshore and coastal operations, as well as the design and engineering of critical infrastructure. Our research interests include deterministic and probabilistic flood hazard assessment due to tsunami and storm surge; ocean circulation, sediment and contaminant transport; oil spill and ice trajectory forecasting; and analysis of climatological normals and extremes to support the development of design criteria. The work is stimulating, fast-paced and challenging, with scope and opportunities for professional growth and collaboration with interdisciplinary teams across the world.

### Skills / Qualifications

#### Required

- MSc or PhD degree in Physical Oceanography, Coastal Engineering, or a related field
- Programming experience (Matlab, Python)
- Excellent communication and writing skills (English)

#### Preferred

- Experience in numerical ocean modelling with Delft3D, MIKE, Telemac or related models
- 2-5 years of experience in a consulting or applied research environment
- Experience in numerical modelling of storm surge and waves, coastal circulation and sediment transport

**How to Apply:** Click [here](#) to apply on our website

**Amec Foster Wheeler** ([www.amecfw.com](http://www.amecfw.com)) designs, delivers and maintains strategic and complex assets for its customers across the global energy and related sectors. Employing around 35,000 people in more than 55 countries and with 2016 revenues of £5.4 billion, the company operates across the oil and gas industry - from production through to refining, processing and distribution of derivative products - and in the mining, power and process, pharma, environment and infrastructure markets. Amec Foster Wheeler offers full life-cycle services to offshore and onshore oil and gas projects (conventional and unconventional, upstream, midstream and downstream) for greenfield, brownfield and asset support projects, plus leading refining technology.

Amec Foster Wheeler shares are publicly traded on the London Stock Exchange and its American Depositary Shares are traded on the New York Stock Exchange. Both trade under the ticker AMFW.

Our Environment & Infrastructure Americas business is a leading environment and infrastructure, engineering, consulting and project management organization with about 175 offices and more than 6,000 employees. Our business locations reach from northern Canada to southern Chile and across the UK and Continental Europe. We provide a full range of services to clients in the power, government, industrial, mining, transportation, pharmaceutical, water, and oil & gas sectors.

We offer competitive salaries along with a complete benefits package and a variety of Training and Development Programs to help you develop the skills you need to succeed in your chosen career path.

We are an equal opportunity employer that recognizes the value of a diverse workforce. All qualified individuals will receive consideration for employment without regard to race, color, age, religion, gender, national origin, sexual orientation, gender identity, disability and/or protected veteran status in accordance with governing laws.