

Adrien MOREAU

+1 781 547 1484

amoreau@mit.edu

EDUCATION

Massachusetts Institute of Technology
School of Engineering & Sloan School of Management
M.S., System Design and Management

Cambridge, MA
2016- expected 2018

Delft University of Technology

Delft, The Netherlands

Civil Engineering Department

PhD., Water Management and Sanitary Engineering

2006-2010

- Conducted research within the framework of the European Union Marie Curie program focusing on the membrane bioreactor (MBR) process.
- Thesis: MBR Filterability Assessment at European Scale
- Full publication list available on request

National Institute of Applied Science (INSA)

Toulouse, France

Chemical & Process Engineering Department

M.S., Process Engineering

2003-2006

- Specialization in water treatment

EXPERIENCE

Veolia Water Technologies

Boston, MA

Global Support Engineer - Technology

2016 - Present

- Develop, lead and coordinate technical risk management and support through hydraulics and modeling for Veolia activities (model difficult cases & different options with regards to tank geometry, mixing capacity and water distribution, validate final designs)
- Develop and lead piloting coordination and strategy at corporate level with a specific focus on branding and safety
- Lead and promote Research & Innovation projects with external partners (Department of Energy funded projects)
- Produce strategy notes and roadmaps on behalf of Executive Management (Digitalization, Internet of Things)

Hydraulics Expert

2013-2016

- Develop, lead and coordinate technical risk management and support through Hydraulics and CFD modeling for Veolia activities (modeled difficult cases & different options with regards to tank geometry, mixing capacity and water distribution, validated final designs)
- Lead product development (early phase & industrialization of a grit removal process and a pretreatment for industrial water treatment plants)
- 30+ projects assessed and validated (150M\$+ worth value)

Veolia Environnement Research & Innovation

Paris, France

Project leader – membrane bioreactor (MBR) portfolio

2010-2013

- Provide project leadership and operational management on projects related to the integration of membrane processes in wastewater treatment line (4 technicians, 2 engineers, 3.4M€ over 3 years)
- Successfully developed an MBR package plant for the Middle-East Market
- Successfully brought an airless MBR concept to industrialization

ADDITIONAL SKILLS & INTERESTS

- Fluent in French & English
- Key areas of expertise: membrane processes, biological treatment, operational management
- Water & Sanitation Engineer for the Non-Governmental Organization “Premières Urgences”
- Active member of the Veolia Force (missions for the UNHCR in Ethiopia, 2012)
- Rock climbing, mountaineering