

ENVIRONMENTAL ENGINEERING PROGRAM

SURAPOL PADUNGTHON

B.Sc. (Environmental Health Science)

Thailand 1999-2002

**M.S (Environmental engineering) Lehigh
University 2007-2009**

Ph.D. Student (since 2009)

Research Activities



- Development of Hybrid ion-exchange materials using nano-particle of Zirconium and Titanium hydroxide incorporated within spherical and fiber ion exchange materials which are highly specific for Arsenic, Fluoride and transition heavy metal removal such as copper, zinc, lead in presence of competing ion.
- Sequestering carbon dioxide (CO₂) through novel use of ion exchange fibers as well as hardness and/or transitional heavy metal removal.
- Arsenic removal field project for supply arsenic-safe drinking water in Cambodia and Argentina.