

<b>Name SURNAME: Prosun BHATTACHARYA</b>		
<b>Function:</b>	Professor	
<b>Institution:</b>	KTH Royal Institute of Technology <input type="checkbox"/> Funding Agency <input type="checkbox"/> Programme Manager	
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<b>Division</b>	<b>Department of Sustainable Development, Environmental Science and Engineering (SEED)</b>	
<b>Areas of Expertise:</b>		
<p>Hydrogeology and hydrogeochemistry, multidisciplinary research on groundwater contamination in different parts of the world, especially focusing on geogenic contaminants – arsenic and fluoride. This experience is based on collaborative research engagements with universities and research organizations in India, Bangladesh, China, Australia, Argentina, Ghana, Costa Rica, Bolivia, Tanzania, Turkey and USA. He has coordinated the prestigious Swedish International Development Cooperation Agency supported action research and implementation project “Sustainable Arsenic Mitigation-SASMIT” Community driven initiatives to target arsenic safe groundwater as sustainable mitigation strategy in Bangladesh (2007-2016).</p>		
<b>Short Description of your Institution:</b>		
<p>The Department of Sustainable Development, Environmental Science and Engineering (SEED) is one of the recent strategically formed departments within School of Architecture and Built Environment, KTH Royal Institute of Technology. The SEED has a vision to provide education at both undergraduate and postgraduate levels and also cutting edge research to meet the societal demands for sustainable development in the field of environmental science and technology. The KTH-International Groundwater Arsenic Research Group is one of the research groups in SEED with multidisciplinary expertise in the fields of environmental geochemistry, groundwater chemistry, soil and water pollution research around the globe. The goal of the group is to help the society by developing innovative technologies and best practices for managing arsenic and other hazardous elements to protect the ecosystem. KTH-SEED has led a number of (about 16) EU and Swedish funded projects targeted both at home and in different parts of the world. The Department has a dedicated Soil and Water Chemistry Laboratory equipped with modern analytical instruments such as ICP-OES, Ion Chromatograph, TOC Analyser and Auto Analyser for soil and water chemical analyses.</p>		
<b>Role in the project:</b>		
<p><b>Leader of WP4: Risk assessment in selected target sites</b>  <b>Leader of WP5: Sustainable Management of arsenic risk and recommendations</b>  <b>Partner WP3: Arsenic removal technology &amp; innovation [Task 3.1 Laboratory investigations on arsenic removal technologies – water (in collaboration with UOULU)]</b></p>		

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