

Appendices

Papers in Journals

1. **S. Gogoi**, S.K. Nath, S. Bordoloi, R.K. Dutta, Fluoride removal from groundwater by limestone treatment in presence of phosphoric acid, *J. Environ. Manage.* **152**, 132--139, 2015.
2. **S. Gogoi**, R.K. Dutta, Mechanism of fluoride removal by phosphoric acid-enhanced limestone: Equilibrium and kinetics of fluoride sorption, *Desalin. Water Treat.* **57**, 6838--6851, 2016.
3. **S. Gogoi**, R.K. Dutta, Fluoride removal by hydrothermally modified limestone powder using phosphoric acid, *J. Environ. Chem. Eng.* **4**, 1040--1049, 2016.
4. **S. Gogoi**, R.K. Dutta, Column evaluation of a water defluoridation technique based on phosphoric acid-enhanced limestone adsorption, *Indian J. Chem. Technol.* (2016, accepted).
5. **S. Gogoi**, A.J. Borah, S.K. Nath and R.K. Dutta, Fluoride removal from groundwater by crushed limestone treatment in presence of phosphoric acid: a field trial, (*Manuscript under preparation*).
6. S. Bordoloi, S.K. Nath, **S. Gogoi**, R.K. Dutta, Arsenic and iron removal from groundwater by oxidation-coagulation at optimized pH: laboratory and field studies, *J. Hazard. Mater.* **260**, 618--626, 2013.
7. A.J. Bora, **S. Gogoi**, G. Baruah, R.K. Dutta, Utilisation of co-existing iron in arsenic removal from groundwater by oxidation-coagulation at optimized pH, *J. Environ. Chem. Eng.* **4**, 2683--2691, 2016.

Book chapter

1. S. Bordoloi, **S. Gogoi**, R.K. Dutta, A low-cost arsenic removal method for application in the Brahmaputra-Ganga plains: Arsiron Nilogon, in *Safe and sustainable use of arsenic contaminated aquifers in the Gangetic plain*, Springer, Cham, Switzerland, AL. Ramanathan, S. Johnston, A. Mukherjee, B. Nath, 2015, pp. 289--298.

Conference Presentations

1. **National Conference on Contemporary Developments in Chemical Sciences** on 23-24th November, 2015, Department of Chemical Sciences, Tezpur University, Tezpur, India (*Poster presentation*).
2. **National Conference on Frontiers at the Chemistry-Allied Sciences Interface** on 13-14th March, 2015, University of Rajasthan, Jaipur, India (*Poster presentation*).
3. **National Conference on Hydrology and water quality management** on 20-22th September, 2012, Morigaon College, Morigaon, Assam, India (*Oral presentation*).
4. **National Seminar on “Recent Challenges for Chemical Research and Practices: Moulding Chemistry toward a better tomorrow”** on 9-10th November, 2012, Darrang College, Tezpur, Assam, India (*Oral presentation*).
5. **National Seminar on Sustainable Soil & Water resources management and environmental challenges** of the 21st Century, on 19th & 20th November, 2011, Chaiduar College, Gohpur, Sonitpur, Assam, India (*Oral presentation*).
6. **National conference on Chemistry, Chemical technology and Society** on 11th-12th November, 2011, Department of Chemical Sciences, Tezpur University, Tezpur, Assam, India (*Poster presentation*).

Workshops participated

1. **Workshop on Integrated Arsenic and Iron removal from Ground Water, “Arsiron Nilogon”**, 25th June, 2011, Sponsored by Department of Science and Technology (DST), New Delhi, India and organized by Dept. of Chemical Sciences, Tezpur University, Tezpur, Assam, India.
2. **Workshop on Arsenic and iron removal from groundwater** on 18th July, 2011, Sonari College, Sonari, Sivsagar, Assam, India.
3. **Workshop on Groundwater Arsenic: Its Effects and Removal** on 22nd March, 2013, Majuli College, Jorhat, Assam.
4. **Workshop on Groundwater Arsenic: Its Effects and Removal**, on 23rd March, 2013, Ujani Majuli College, Jorhat, Assam.
5. **Workshop on Spectroscopic tools and their applications** on 6th April, 2013, Department of Chemical Sciences, Tezpur University, Assam.

6. **National Workshop on “Advances in Applied Microbiology and Bioprocess Engineering” with special reference to Petroleum Biotechnology**, on 23-24th August, 2012, Tezpur University, Tezpur, Assam.
7. **International Congress on renewable energy** on 2-4th November, 2011 Tezpur University, Tezpur, Assam.
8. **InSCignis Chemistry Workshop on “Arsenic & Fluoride Removal from water”** on 28th February, 2014, Tezpur University, Tezpur, Assam.
