PUBLICATIONS

AND PRESENTATIONS
Published / Accepted articles


4. **Subrahmanyam G**, Khonde N, Maurya DM, Chamyal LS and Archana G. (2013). Microbial activity and culturable bacterial diversity in the sediments of Great Rann of Kutch, a unique ecosystem, Western India is accepted for publication in *Pedosphere*. Manuscript number: PEDOSPHERE121201399

Articles under review


Articles under communication

1. **Subrahmanyam G**, Archana G and Chamyal LS. (2013). Multivariate statistical analysis of microbial activity, diversity and it’s relation to soil physiochemical characters of exposed vadosezone around Mahi River basin, western India is under preparation.
2. **Subrahmanyam G** and Archana G (2013). “Multimetal resistant *Enterobacter* sp. C1D enhances plant growth in Cr (VI) amended soils by IAA production and ACC deaminase activity” is under review is under preparation

3. **Subrahmanyam G**, Hang-Wei Hu, Yu-Rong Liu, Archana G, and Ji-Zheng He. (2013) Activity and diversity of ammonia oxidizing archaea (AOA) and bacteria (AOB) in long-term industrial effluent polluted soils, western India is under preparation

4. **Subrahmanyam G** and Archana G. (2013). Microbial diversity and activity in flood effected fields of Mahi River basin, western India is under preparation


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**Articles published in international conference proceedings**


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**Papers presented in national and internal conferences**

**International conferences**

1. **Subrahmanyam G** and Archana G, “Plant growth promoting activity of *Enterobacter* sp. C1D in heavy metal contaminated soils” was presented as a poster in 2nd Asian PGPR congress held at China Agricultural University, during August 21-24, 2011, Beijing, PR China.

2. **Subrahmanyam G** and Archana G, "Bacteriology of miliolite, a bioclastic limestone: Diversity and their possible potential activity in weathering of miliolite" presented as oral presentation (Invited lecture) in MYRES, held at Brandenburg University of Technology, during September 20-24. 2010, Cottbus, Germany.

4. Subrahmanyam G and Archana G. Diazotrophic bacterial diversity and activity in semi-arid agricultural and pristine soils of Mahi river basin, Western India was presented as a poster in 1st Asian PGPR congress held at Acharaya N.G. Ranga Agricultural University, during June 21st to 24th 2009, Hyderabad, India.

5. Subrahmanyam G and Archana G, “Microbial diversity and activity in Paleosols of Mahi River basin, western India” was presented as a oral presentation (Invited lecture) in International Conference and Field Workshop on Paleopedology: Paleosols, Geomorphic Evolution of Landscape and paleoclimate change held at Anna University, January 10th-14th, 2008, Chennai- 600 044, India.

National conferences

1. Subrahmanyam G, Naresh kumar G and Archana G. Multimetal resistant Enterobacter sp. C1D enhances plant growth promotion of Vigna radiata GM4 in Pb and Cr amended silty soils was presented as a oral presentation in Recent trends in sustainable agriculture, Indian group meeting of Asian PGPR society during October 22-23rd, 2012, Department of Biochemistry, The M.S. University of Baroda, Vdodara-390002, India.

2. Subrahmanyam G, Bhat A, Bhatt N and Archana G. Organic acid producing heterotrophic bacteria dissolving miliolite, A bioclastic limestone, Saurashtra, western India was presented as a oral presentation in Gujarat Science Congress-XVI held at M.S. University of Baroda during 26th 2012, Vadodara-390002, India.

3. Subrahmanyam G and Archana G “Microbial diversity and activity of semi-arid soils around Mahi River bank, western India” was presented as a oral presentation in in DST PAMC meeting on science of shallow subsurface (SSS) held at NGRI during October 12th-14th, 2009, Hyderabad- 500 606, India.
4. **Subrahmanyam G** and Archana G, “Assessment of bacterial diversity and activity in a semiarid Holocene flood effected field by polyphasic approach” presented as a **poster** in Association of Microbiologists of India (AMI), 48th annual conference held at Indian Institute of Technology (IIT) during December 18th-21th **2007**, Chennai- 600 044, India.

5. **Subrahmanyam G** and Archana G, “Microbiology of miliolite” was presented as **oral presentation** in DST Field Workshop on Quaternary Carbonate Deposits of Saurashtra and Katchchh, Gujarat held at Diu, December 4th-10th, **2006**, Diu, India.

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**Awards**

1. **Secured prestigious TWAS-CAS/PG international fellowship** for the year 2010 for conducting final year PhD in Chinese academy of science (CAS) institute, Research Centre for Eco-Environmental Sciences (RCEES), Beijing under the guidance Prof. Ji-Zheng He (jzhe@rcees.ac.cn).

2. **Junior research fellowship (2006-2009) and senior research fellowships (2009-2010)** from Department of Science and Technology (DST), New Delhi, India.

3. **Best oral presentation** award in Indian group meeting of Asian PGPR, ‘Recent Trends in Sustainable Agriculture’. October 22-23, 2012, at Department of Biochemistry, M. S.University of Baroda, Vadodara-390002, India.

4. **Best oral presentation award** in DST PAMC meeting on science of shallow subsurface (SSS), October 12-14, 2009, National Geophysical Research Institute (NGRI), Hyderabad- 500 606, India.


6. **Selected as a potential young earth scientist** by MYRES, 2010, Cottbus, Germany. **Both travel and accommodation grants** were secured.