

## **Prof. Luz Estela Bashan**

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### **Lines of Research**

- Plant-bacteria interaction
- Microalga - Plant Growth Promoting Bacteria interaction. Molecular and metabolic approaches.
- Microbial synthetic inoculants
- Microbial-assisted restoration of eroded arid lands

### **Professional Career**

2013 – present. Affiliate Faculty; Department of Entomology and Plant Pathology, Auburn University, Alabama, USA.

2018-2022, Professor, Environmental Microbiology Group, The Northwestern Center for Biological Research, La Paz, BCS, Mexico

2014 – 2017 Associate Professor, Environmental Microbiology Group, The Northwestern Center for Biological Research, La Paz, BCS, Mexico

2011-2013 - Assistant Professor. Environmental Microbiology Group, The Northwestern Center for Biological Research, La Paz, BCS, Mexico

2007- 2008, Postdoctoral stay, Department of Water, Soil and Environmental Science  
The University of Arizona, Tucson, USA

2000 – 2010. Research Scientist, Environmental Microbiology Group, The Northwestern Center for Biological Research (a Federal Government Research Institute), La Paz, BCS, Mexico

2006, PhD. Department of Soils and Food Engineering, Laval University, Quebec City, Quebec, Canada

2000 – Present. Honoric Professor-Researcher. Department of Biology, Faculty of Science, Pontificia Universidad Javeriana, Bogota Colombia.

1994-2000. Assistant Professor-Researcher. Department of Biology, Faculty of Science, Pontificia Universidad Javeriana, Bogota Colombia.

1995- 2000. Coordinator of the Program of Sanitation and Environmental Biotechnology. Faculty of Science, Pontificia Universidad Javeriana, Bogota Colombia.

1995. MSc. Institute of Environmental Sciences, National University of Colombia, Bogota, Colombia

1990. BSc. Department of Biology, Pontificia Universidad Javeriana, Bogota, Colombia.

### **Boards and Editorial activities:**

President and Head of the Board of Directors, Bashan Foundation

Editorial Board Wildflower (2001-2004, Canada);

Editorial Board Bioencapsulation innovations (2012; 2014-2015)

Editorial Board, Biology and Fertility of Soils

Section Editor Plant and Soil

Associate Editor Stresses

Guest Editor Special Issue Biology and Fertility of Soils (2019-2020),

Guest Editor Special Issue Agronomy (2021-2022)

### **Publications**

[http://www.bashanfoundation.org/contributions/De\\_Bashan-L/luzpub.html](http://www.bashanfoundation.org/contributions/De_Bashan-L/luzpub.html)

<https://scholar.google.com/citations?user=CbHN50wAAAAJ&hl=en&oi=ao>