

## DEPARTMENT OF EARTH SCIENCES (EASC)



**Name of Faculty/Staff:** Dr. V.N Kimani

**Designation/Rank:** Lecturer

**Laikipia University:** School of Science and Applied technology

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### **Educational Background:**

- PhD in Plant Nutrition (Plant -microbe interactions), Nanjing Agricultural University, PR China, 2016
- Master's in Environmental Science (Environmental Pollution and Control), Egerton University, Njoro, Kenya, 2010
- Bachelor's in Agriculture Education and Extension, Egerton University, Njoro, Kenya, 2005

### **Brief Autobiography of the Faculty/Staff**

Have over 10 years teaching experience in areas of environmental science - Environmental pollution and Management both at Egerton and Laikipia Universities. Also, have been involved in environmental microbiological research activities in various projects. Have carried out consultancy services in areas of Environmental Impact assessment and Audit well as in areas of climate change and agriculture offering extension services to the farmers in Nyandarua county.

### **Selected Publications**

1. Veronicah Njeri Kimani, Lin Chen, Yunpeng Liu, Waseem Raza, Nan Zhang, Lewis Kamau Mungai, Qirong Shen, Ruifu Zhang: *Characterization of extracellular polymeric substances of Bacillus amyloliquefaciens SQR9 induced by root exudates of cucumber*. Journal of Basic Microbiology 06/2016; DOI:10.1002/jobm.201600104 impact factor 1.8
2. Lin Chen, Yunpeng Liu, Gengwei Wu, Veronicah Njeri Kimani, Qirong Shen, Nan Zhang, and Ruifu Zhang: *Induced maize salt tolerance by rhizosphere inoculation of*

*Bacillus amyloliquefaciens* SQR9. *Physiologia Plantarum* 02/2016;  
DOI:10.1111/ppl.12441 impact factor 3.

- 3. Veronicah Njeri Kimani**, Steve Oduor, Wilkister Moturi: *Use of wastewater in crop production - A case study from Kenya: Assessment of wastewater quality for potential use in vegetable production - a case study of Egerton University WSPs*. Edited by LAP LAMBERT Academic Publishing, 09/2011; LAP LAMBERT Academic Publishing., ISBN: 3845428414

### **Research Interest**

Plant-microbe interactions, rhizosphere biology, environmental microbiology, environmental pollution and control, environmental impact assessment and audit, climate change and food security.