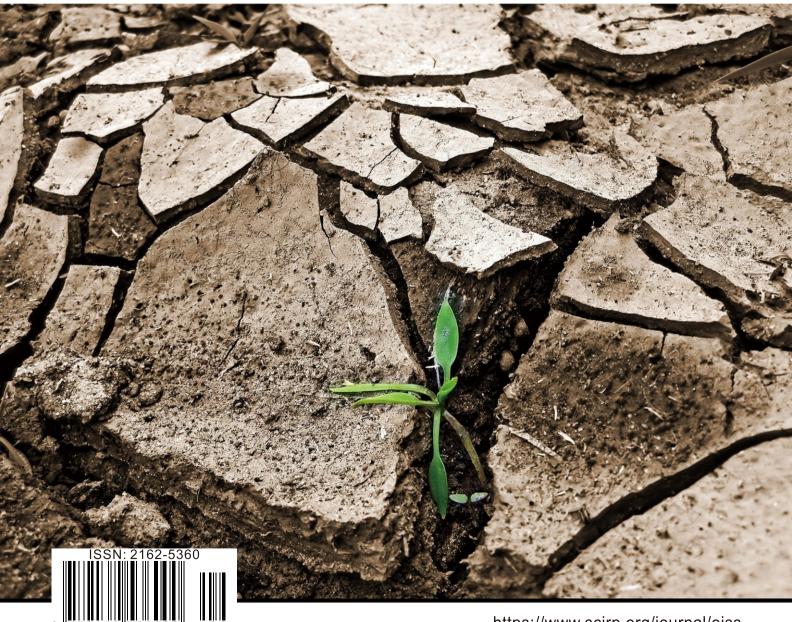


# Open Journal of Soil Science



https://www.scirp.org/journal/ojss

# **Journal Editorial Board**

ISSN: 2162-5360 (Print) 2162-5379 (Online) https://www.scirp.org/journal/ojss

# **Editor-in-Chief**

Prof. Haiyan Chu

Chinese Academy of Sciences, China

# **Editorial Board**

Prof. Wael Abdel Kawy Dr. Daniel J. Ashworth Dr. Thomas John Aspray Prof. Jie Chen Dr. Wilfredo Jr., Arellano Dumale Prof. Thomas E. Fenton Prof. W. G. Dilantha Fernando Dr. Bente Foereid Dr. Bin Gao Dr. Michael B. Jenkins

Dr. Antonio Jordán López Prof. Mehmet Rüstü Karaman **Prof.** Tasios Karathanasis Prof. Usama F. A. Karim **Prof. Arno Kleber Dr. Sandeep Kumar Prof. Dar-Yuan Lee** Dr. Ana Teresa Lima Dr. Guodong (David) Liu Prof. Francisco Jose Martín Peinado Dr. Julia Martínez Fernández Dr. Maren Oelbermann Dr. Álvaro Ramírez-Gómez Dr. Shambhu Prasad Sah **Dr. Yang-Hsin Shih** Prof. Abdou Abdou Soaud Dr. A. K. Srivastava **Prof. Berrin Tansel** Dr. Gang Wang Dr. Xinhua (Frank) Yin Prof. Kefeng Zhang

Cairo University, Egypt University of California, USA Heriot Watt University, UK Shanghai Jiao Tong University, China The University of Tokyo, Japan Iowa State University, USA University of Manitoba, Canada Bioforsk Soil and Environment, Norway University of Florida, USA United States Department of Agriculture-Agricultural Research Service, USA University of Seville, Spain Gaziosmanpasa University, Turkey University of Kentucky, USA University of Twente, Netherlands Dresden University of Technology, Germany South Dakota State University, USA National Taiwan University, Chinese Taipei Utrecht University, Netherlands University of Florida, USA University of Granada, Spain University of Murcia, Spain University of Waterloo, Canada Polytechnic University of Madrid, Spain University of Helsinki, Finland National Taiwan University, Chinese Taipei Cairo University, Egypt National Research Centre for Citrus, India Florida International University, USA China Agricultural University, China University of Tennessee-Knoxville, USA Zhejiang University, China



# **Table of Contents**

# Volume 9 Number 9

# September 2019

An Influence of Multiple Drying/Rewetting Cycles upon the Respiration of Organic Forest Soil	
Z. Fischer1	41
Influence of Clay Minerals on Some Soil Fertility Attributes: A Review	
G. K. Kome, R. K. Enang, F. O. Tabi, B. P. K. Yerima1	55
Soil Health Assessment Methods and Relationship with Wheat Yield	
J. C. Biswas, N. Kalra, M. Maniruzzaman, U. A. Naher, M. M. Haque1	89

# Open Journal of Soil Science (OJSS) Journal Information

### **SUBSCRIPTIONS**

The *Open Journal of Soil Science* (Online at Scientific Research Publishing, <u>https://www.scirp.org/</u>) is published monthly by Scientific Research Publishing, Inc., USA.

Subscription rates: Print: \$69 per issue. To subscribe, please contact Journals Subscriptions Department, E-mail: <u>sub@scirp.org</u>

### SERVICES

Advertisements Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies) Reprints Co-Ordinator, Scientific Research Publishing, Inc., USA. E-mail: <u>sub@scirp.org</u>

### COPYRIGHT

### Copyright and reuse rights for the front matter of the journal:

Copyright © 2019 by Scientific Research Publishing Inc. This work is licensed under the Creative Commons Attribution International License (CC BY). http://creativecommons.org/licenses/by/4.0/

### Copyright for individual papers of the journal:

Copyright © 2019 by author(s) and Scientific Research Publishing Inc.

### Reuse rights for individual papers:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

### Disclaimer of liability

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

### **PRODUCTION INFORMATION**

For manuscripts that have been accepted for publication, please contact: E-mail: ojss@scirp.org





ISSN: 2162-5360 Volume 9, Number 9, September 2019



# Editor-in-Chief

Prof. Haiyan Chu

# **Editorial Board**

Prof. Wael Abdel Kawy Dr. Daniel J. Ashworth Dr. Thomas John Aspray Prof. Jie Chen Dr. Wilfredo Jr., Arellano Dumale Prof. Thomas E. Fenton Prof. W. G. Dilantha Fernando Dr. Bente Foereid Dr. Bin Gao Dr. Michael B. Jenkins Dr. Antonio Jordán López

# Subject Coverage

**Open Journal of Soil Science** 

ISSN: 2162-5360 (Print) ISSN: 2162-5379 (Online) https://www.scirp.org/journal/ojss

Open Journal of Soil Science (OJSS) is an international journal dedicated to the latest advancement of soil science. The goal of this journal is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in different areas of soil science.

Chinese Academy of Sciences, China

- Prof. Mehmet Rüstü Karaman Prof. Tasios Karathanasis Prof. Usama F. A. Karim Prof. Arno Kleber Dr. Sandeep Kumar Prof. Dar-Yuan Lee Dr. Ana Teresa Lima Dr. Guodong (David) Liu Prof. Francisco Jose Martín Peinado Dr. Julia Martínez Fernández Dr. Maren Oelbermann
- Dr. Álvaro Ramírez-Gómez Dr. Shambhu Prasad Sah Dr. Yang-Hsin Shih Prof. Abdou Abdou Soaud Dr. A. K. Srivastava Prof. Berrin Tansel Dr. Gang Wang Dr. Xinhua (Frank) Yin Prof. Kefeng Zhang

This journal invites original research and review papers that address the following issues in soil science. Topics of interest include, but are not limited to:

- Soil and Global Change
- Soil Biology and Biochemistry
- Soil Chemistry
- Soil Ecology
- Soil Environment
- Soil Fertility and Plant Nutrition
- Soil Geography
- Soil Improvement Studies

- Soil Microbiology
- Soil Physics
- Soil Remediation
- Soil Resources and Use
- Soil Science in Other Disciplines
- Soil Survey and Evaluation
- Soil Taxonomy
- Soil Tillage

We are also interested in short papers (letters) that clearly address a specific problem, and short survey or position papers that sketch the results or problems on a specific topic. Authors of selected short papers would be invited to write a regular paper on the same topic for future issues of the OJSS.

# **Notes for Intending Authors**

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

# Website and E-Mail

https://www.scirp.org/journal/ojss

## What is SCIRP?

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

# What is Open Access?

rt and Design

Advances in

Advances in Biological

Entomology

Applied Mathematic

Engineering

nii (i) e

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

• High visibility for maximum global exposure with open access publishing model

Soft

ĥ h

- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience



Website: https://www.scirp.org Subscription: sub@scirp.org Advertisement: service@scirp.org