

THE QUARTERLY PEER REVIEW PUBLICATION

Journal of Rangeland Science (JRS)

Editor-in-Chief

Assistant Professor A. Ariapour, Department of Natural Resources, Islamic Azad University, Borujerd Branch, Lorestan, Iran.

Tel.: +986623518038

Fax: +986623518038

Email: aariapour@iaub.ac.ir

Co-Editor

Associate Professor A. A. Jafari, Research Institute of Forests and Rangelands, Iran.

Tel.: +982144580276-85

Fax: +982144580277

Email: aliashrafj@gmail.com

Editorial Board

(Members are listed alphabetically)

Ariapour, A.; Assistant Professor

Islamic Azad University, Borujerd Branch, Iran

Arzani, H.; Professor

University of Tehran, Iran

Chaichi, M. R.; Associate Professor

University of Tehran, Iran

Farahpour, M.; Associate Professor

Research Institute of Forests and Rangelands, Iran.

Feldman, S.; Professor

University of De Rosario, Argentina

Ghasriani, F.; Assistant Professor

Research Institute of Forests and Rangelands, Iran

Jafari, A. A.; Associate Professor

Research Institute of Forests and Rangelands, Iran

Jafari, M.; Professor

University of Tehran, Iran

Mehrabi, H. R.; Assistant Professor

Islamic Azad University, Borujerd Branch, Iran

Mohseni Saravi, M.; Professor

University of Tehran, Iran

Safaiian, N.; Professor

University of Sari, Iran

Shokri, M.; Professor

University of Sari, Iran

Shrivastava, A. K.; Professor

University of J.N, Agriculture, India

Srinivas, P. Rao; Assistant Professor

International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), India

Editorial Advisory Board (This Volume)

(Members are listed alphabetically)

Abdi, N.; Assistant Professor

Agriculture Ministry of Australia

Amiri, F.; Assistant Professor

Islamic Azad University, Boshahr Branch, Iran

Asri, Y.; Associate Professor

Research Institute of Forests and Rangelands, Iran

Dehshiri, M. M.; Assistant Professor

Islamic Azad University, Borujerd Branch, Iran

Farahpour, M.; Associate Professor

Research Institute of Forests and Rangelands, Iran

Goudarzi, M.; Assistant Professor

Islamic Azad University, Borujerd Branch, Iran

Jankju, M.; Assistant Professor

University of Mashhad, Iran

Najafinejad, A.; Associate Professor

University of Gorgan Agriculture and Natural Resource, Iran

Nassaji zavareh, M.; Assistant Professor

Imam Khomeiny Higher Education Center, Ministry of Jahade Agriculture, Iran

Paimozd, S.; Assistant Professor

Islamic Azad University, Arak Branch, Iran

Parehkar, M.; Assistant Professor

Soil Conservation and Watershed Management Research Institute, Iran

Tavili, A.; Assistant Professor

University of Tehran, Iran

Zare Chahouki, M. A.; Assistant Professor

University of Tehran, Iran

Zeinivand, H.; Assistant Professor

University of Lorestan, Iran

English Text Editor

Assistant Professor, **Sh. Afrougheh**, Department of English Literature, Islamic Azad University, Borujerd Branch, Lorestan, Iran.

Assistant Professor, **A. H. Joudaki**, Department of English Literature, Islamic Azad University, Borujerd Branch, Lorestan, Iran.

Parsa, Samira, Islamic Azad University, Borujerd Branch, Lorestan, Iran.

Tel.: +986623518038

Fax: +986623518038

Email: shafrougheh@iaub.ac.ir

Design and Typesetting

Maryam Shahri

Figure Layout

Marziye Asgari

Cover Designer

Nashre nevisande press

Journal of Rangeland Science (JRS),

P. O. Box: 518, Borujerd, Lorestan, Iran

Postal code: 6915136111

Tel: +986623518038, Cell Phone:

Fax: +986623518023

Emails: Rs@iaub.ac.ir, Rangelandscience@yahoo.com

Rangelandscience@gmail.com

pISSN: 2008-9996, eISSN: **-******

(Published in Iran)

Web Site : www.rangeland.ir

Indexed In:

1- SID: <http://www.sid.ir>

2- Magiran: <http://www.magiran.com>

We acknowledge with thanks the financial support of Islamic Azad university borujerd branch, Iran.

Photo by: Ali Ariapour, Gahar Basin, Dorood, Lorestan, Iran.

Certified by: Central Organization of Islamic Azad University; No. 87/450866; 88/12/3
Certified by: Ministry of Culture and Islamic Guidance; No. 90/10402; 90/04/27

NOTE FOR AUTHORS

The Journal of Rangeland Science is a quarterly peer review open access publication of Iranian IAU, Borujerd Branch which publishes original research articles, review papers and short communications on various aspects of Rangeland Science, Range Management, Ecology, Environmental Science and Engineering.

1. Papers submitted for publication should describe high quality original work, not previously partially or fully published elsewhere.

2. Manuscripts must be submitted only in English and should be written according to sound grammar and proper terminology.

3. Manuscripts should be typed with a font Times New Roman of 12 pt. and 2 cm margin at each side and submitted to the Editorial Office electronically through the Journal Email. Manuscript submission must be applied one in order to be obtained only one submission code number. Manuscript must be accompanied by a covering letter including title and author (s) name and undertaking that it has not been published or submitted elsewhere. The sampling covering letter is supplied at the Journal by email after receiving paper.

4. The first page of the paper should only contain the title, name(s), degree(s) and addresses (Tel. Fax, and Email) of the author(s) and the source(s) of financial support for the study.

5. The text should include: Title and abstract (150-250 words), which state the purpose of the study, basic procedures, main findings and the principal conclusions where are followed by 3-5 key words. Introduction; materials and methods; results; discussion and conclusion; acknowledgement and references list are followed.

6. Manuscripts may be 3000-8000 words or longer if approved by the editor, including an abstract, texts, tables, footnotes, appendixes, and references.

7. Tables, in limited numbers should be submitted on separate pages with the captions placed above. Do not submit tables as photograph. Place explanatory matters in footnotes, not in the heading. Do not use internal horizontal and vertical rules.

8. Figures and graphs should be mounted on separate pages. All graphs should be provided in Excel format.

9. Suggested place of tables and figures should be clearly marked on the margin of the text.

10. The same data should not be presented simultaneously in tables, figures and text.

11. Abbreviations and symbols should be explained at first occurrence. The police of the Journal with respect to unit and symbols are that SI (Systems internationals) symbols should be used

12. References: All publication cited in the text should be presented in the list of references following the text of the manuscript. In the text

Authors should send their contributions electronically to the Editorial Office.

Journal of Rangeland Science

P. O. Box: 518, Borujerd, Lorestan, Iran, Postal Code: 6915136111

Tel: +986623518038,

Fax: +986623518038

Emails: Rs@iaub.ac.ir,

Rangelandscience@yahoo.com,

Rangelandscience@gmail.com

refer to the author's name (without initials) and year of publication (e.g. Kramer, 2010; arzani, 2012). For three or more authors use the first author followed by "*et al.*," in the last. The list of references at the end of the manuscript should be arranged alphabetically authors' names and chronologically per author. The list of references should be given in the following style which is as Harvard System:

Baumann, T., Fruhstorfer, P., Klein, T., Niessner, R., 2006. Colloid and heavy metal transport at landfill sites in direct contact with ground water. *Water Res.*, 40 (14), 2776-2786.

13. The Journal is a fully color publication with glossy paper. The author (s) will be supplied with one issue of the Journal and 5 off prints. Author (s) can purchase any extra Journal copy and off prints they wish to order.

14. Upon completion the evaluation process, the author (s) would be notified electronically about the status of article. Following acceptance of the article for publication, authors will be asked to complete and signed, the copyright for the accepted article, individually due to the fully peer review processing and publication.

15. The submitted materials may be considered for inclusion but can not be returned.

16. Regarding with the conflicts of interest, submitted manuscript must be accompanied with a statement from the authors disclosing all financial and personnel relationship that might bias their work, if any. Besides, they are requested to evident whether impending conflicts do or do not exist. A separate page should cover this proclamation and if there are further details, could be mentioned in covering letter. If an organization encompasses any financial interest in the outcome of the study, the authors are appealed to provide a declaration that have full excess to all the data in the study and take complete responsibility for the integrity of the data and the accuracy of the data analysis.

17. Editors of the Journal reserve the right to accept or reject any article in any stage, if necessary.

18. The sole responsibility for the whole contents of the article (views and statements) remains only with the author (s).