

Journal of International Environmental Application & Science

Editor-in-Chief:

Dr. Sukru DURSUN
Selcuk University, Department of Environmental Engineering 42031 Konya, TURKEY

Editorial Board

Professor Lynne BODDY
Cardiff School of Biosciences, Main Building, Museum Avenue, Cardiff CF10 3TL UK

Professor Phil INESON
Stockholm Environment Institute, University of York, Heslington, York, YO10 5DD, UK

Professor Juliet C. FRANKLAND
ITE, Merlewood Station, Grange-over-Sands, Cumbria LA11 6JU, UK

Professor dr.ing. Lidia CRISTEA
Romanian University of Science and Arts “Gheorghe Cristea”, B-dul Energeticienilor, nr.9-11, sector 3, ZC 030796, Bucharest, ROMANIA,

Professor M. ŘEHOŘ
Brown Coal Research Institute j.s.c. Most, CZECH REPUBLIC

Dr. Susan E. GEORGE
School of Computer and Information Science, GPO Box 2471 Adelaide SA 5001 AUSTRALIA

Dr. Amjad SHRAIM
Chemistry Dep. Faculty of Science, Taibah University, Universities Road, P. O. Box 30002, Almadianah Almunawarah, SAUDI ARABIA

Professor N. MODIRSHAHLA,
Department of Applied Chemistry, Islamic Azad University, Tabriz Branch, Iran

Professor Victor A. DRYBAN,
Head of Department of Rock Pressure National Academy of Sciences of Ukraine, Donetsk, UKRAINE.

Professor Kiril HADJIYSKI
Central Lab. of Seismic Mechanics and Earthquake Engineering, Bulgarian Academy of Sciences, Sofia, BULGARIA

Journal of International Environmental Application & Science

Publishing Office: Yuce Publication, Yeni Matbuacılar Sitesi, Yazar Cad. No:6, Karatay-Konya, Turkey.

Frequency: Journal of International Environmental Application & Science (ISSN 1307-0428) is published 4 times per year.

Aims and scope: Journal of International Environmental Application & Science is dedicated to detailed and comprehensive investigations, analyses and appropriate reviews of the interdisciplinary aspects of renewable sources, municipal and industrial solid wastes, waste disposal, environmental pollution, environmental science and education, biomass, agricultural residues, energy sources, hazardous emissions, incineration, environmental protection topics included experimental, analytical, industrial studies, hydrological recycling, water pollution, water treatment air pollution, gas removal and disposal, environmental pollution modelling, noise pollution and control,. Suitable topics are also included regarding the efficient environmental management and use of air, water and land resources.

Publication information: Claims for missing issues should be made within six months of our publication (mailing) date. Please address all your requests regarding orders and subscription queries to: S. Dursun, Babalik Mah. Çavuş Cad. Dogu İş Hanı, Flat 6/601-Konya, Turkey. Tel: +90-332-2232057, Fax: +90-0332-241-0635. E-mail: jieas@jieas.com

Guide for Authors

Submission of Papers: Manuscripts for publication may be sent to the Editor-in-Chief, a member of the Editorial Board. Submission address is: Editor-in-Chief, Dr. S Dursun, Babalik Mh. Cavus Cad. Dogu İş Hanı, 6/601-Konya, Turkey. Manuscripts can also be sent to any member of the Editorial Board (see inside front cover for addresses). Although this journal is international in scope, all articles must be in the English language. Potential contributors whose first language is not English are urged to have their manuscript competently edited prior to submission. Papers should be written in the third person in an objective, formal and impersonal style.

Manuscript Preparation: General: Manuscripts must be typewritten, double-spaced with wide margins on one side of white paper. Good quality printouts with a font size of 12 pt are required. The corresponding author should be identified (include E-mail address). Full postal addresses must be given for all co-authors. Two hard copies of the manuscript should be submitted by regular mail.

Abstracts: Each manuscript must be including a brief abstract and a short list of keywords.

Text: Follow this order when typing manuscripts: Title, Authors, Affiliations, Abstract, Keywords, Introduction, Main text, Conclusion, Acknowledgements, Appendix, References, Vitae and Figure Captions followed by the Figures and Tables. Pages should be numbered consecutively. The corresponding author should be identified with an asterisk and footnote.

Symbols and Units: All Greek letters and unusual symbols should be identified by name in the margin, the first time they are used. SI units should be used wherever possible, as recommended in ISO 1000 and BS 5555.

References: All publications cited in the text should be presented in a list of references following the text of the manuscript. In the text refer to the author's name (without initials) and year of publication (*e.g.* "since Dursun (1993) has shown that..." or "This is in agreement with results obtained later (Boddy, 1984)". For three or more authors use the first author followed by "et al.", in the text. The list of references should be arranged alphabetically by authors' names. The manuscript should be carefully

checked to ensure that the spelling of authors' names and dates are exactly the same in the text as in the reference list.

References should be given in the following form:

- Boddy L. (1984) The micro-environment of basidiomycete mycelia in temperate deciduous woodlands. In: *The Ecology and Physiology of the Fungal Mycelium* (Ed. by D.H. Jennings and A.D.M. Rayner), pp. 261-289. British Mycological Society Symposium 8, Cambridge University Press, Cambridge.
- Dursun S., Ineson P., Frankland J.C., Boddy L. (1993). Sulphite and pH effects on CO₂ evolution from decomposing angiospermous and coniferous tree leaf litters. *Soil Biology & Biochemistry* **25**, 1513-1525.
- Ergas S.J., Schroeder E., Chang D., Scow K. (1994) Spatial distributions of microbial populations in biofilters. In: *Proceedings of the 78th Annual Meeting and Exhibition of the Air and Waste Management Association*, pp. 19-24, Cincinnati, OH.
- Hickey M., King C., (1988) *100 Families of Flowering Plants*. Cambridge University Press, Cambridge.
- Littlejohn D., Wang Y., Chang S-G. (1993) Oxidation of aqueous sulfite ion by nitrogen dioxide. *Environmental Science & Technology* **27**, 2162-2167.

Illustrations: All illustrations should be provided in camera-ready form, suitable for reproduction (which may include reduction) without retouching. Photographs, charts and diagrams are all to be referred to as "Fig(s)" and should be numbered consecutively in the order to which they are referred. They should be accompanying the manuscript, but should not be included within the text.

Tables: Tables should be numbered consecutively and given a suitable caption and each table typed on a separate sheet. Footnotes to tables should be typed below the table and should be referred to by superscript lowercase letters.

Electronic submission: Authors may submit electronic copy of their manuscript by e-mail or online submission on WEB site of the *jieas*. The final version of the manuscript should be submitted on floppy disk. The electronic copy should match the hardcopy exactly. MS Word is recommended for software for article submission.

Proofs: Proofs will send to the author and should be returned 48 hours of receipt. Corrections should be restricted to typesetting errors; any others may be charged to the author. Any queries should be answered in full.

Payment: Price of the paper published in "Journal of International Environmental Application & Science" is 50 EURO for ten off-prints. The price includes one issue contains your article, which will be sending to the corresponding author.

Subscription: Journal of International Environmental Application & Science (ISSN 1307-0428) is published bimonthly since 2006. Subscription rates for a year are: Institutions: 150 EURO (four issues per a year) Individuals: 50 EURO (four issues per a year)

Copyright: Papers are considered for publication on the understanding that they have not been submitted to any other publisher. With the exception of review papers, the work described must be original and, generally speaking, not previously published. Authors who wish to reproduce illustrations that have been published elsewhere must obtain the permission of the copyright holder.

Correspondence: Papers should be sent to: Dr. S. Dursun, Babalik Mh. Çavuş Cad. Dogu İş Hanı, Flat 6/601-Konya, Turkey. It may also be sent by e-mail to jieas@jieas.com in Microsoft Office Word 2003 or earlier format.

WEB SITE: <http://www.jieas.com>
E-mail: jieas@jieas.com, info@jieas.com

CONTENTS

- **Celalettin Ozdemir, Nejdett Sen, Sukru Dursun.** Anaerobic removal of volatile organic compounds (VOC) from wastewater using methanol and ethylene glycol as co-substrate **33-39**
- **Scott S. Knight, Richard E. Lizotte, Jr., Sammie Smith, Jr., Charles T. Bryant.** Distribution and spatial variation in surface sediment pesticides of Mississippi Alluvial Plain **40-50**
- **Afrim Sylaa, Agron Veliiu, Kadri Berisha, Emin Karakashi, Islam Fejza.** The determination of some trace elements (Pb, Cd and Zn) in fine particles PM₁₀ in Mitrovica urban atmosphere **51-56**
- **Sylejman Berisha, Kadri Berisha, Selim Jusufi, Islam Fejza, Hajrullah Fejza.** The quantity and quality of wastewater in the municipality Prizren-Kosova **57-62**
- **Erkan KALIPCI, Fatma ARSLAN.** Determination of noise pollution knowledge in the sport centres of Konya city **63-69**
- **Dündar YENER, Erkan KALIPCI.** A survey study on environmental knowledge of education faculty students **70-78**