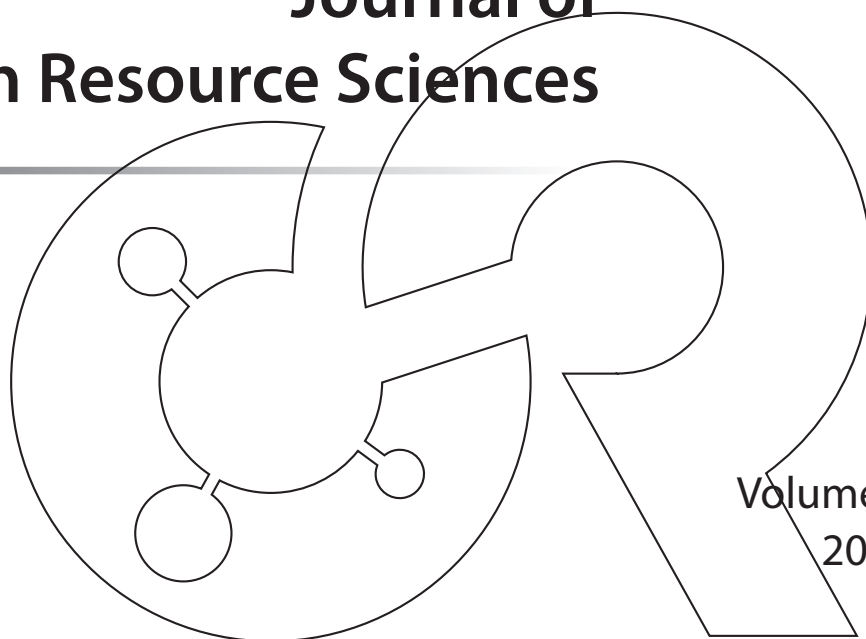


**Journal of
Novel Carbon Resource Sciences**



Volume 4
2011

Editorial Board

Editor-in-Chief:

Seigi Mizuno

Editors:

Kazuhide Ito, Kana Moroga, Yasushi Okumura, Keiko Sasaki and Katsuhiko Tomooka

Journal of Novel Carbon Resource Sciences

Instructions for Authors

1. The following instructions prescribe requirements for submission of articles for Journal of Novel Carbon Resource Sciences (JNCRS), the Journal of the Global COE "Novel Carbon Resource Sciences" (GCOE-NCRS), Kyushu University.
2. Acceptable Articles: Unpublished papers, reviews or micro reviews and technical report written in English. Submission of papers or reviews written in Japanese should be acknowledged in each case by the editorial committee.
3. Qualification: Researchers, staff and students related to GCOE-NCRS, or those who were introduced by researchers or staff related to GCOE-NCRS.
4. Manuscripts: Submitted papers or reviews should follow "Instructions for Manuscripts" which are prescribed separately.
5. Review Process: Referee system is adopted. Acceptance of articles is determined by the editorial committee on the basis of the review conducted by the referees delegated by the editorial committee. The editorial committee can request writers for revision of their articles.
6. Date of Acceptance: Date of acceptance shall be the date when the members of editorial committee have accepted the article.
7. Others: Other required matters for submission of articles shall be determined by the editorial committee.

CONTENTS

Papers reported in the 7th International Symposium on "Novel Carbon Resource Sciences"		Jun. 23-24, 2011
Cheol-Beom Lim, Hisahiro Einaga, Yoshihiko Sadaoka, Yasutake Teraoka		
Response of Catalytic Combustion-type Sensor to Different Amounts of Diesel Particulate Matter	.....	1
Prafful Chankapure, Pradeep Doggali, K. Motghare, S. Waghmare, S. Rayalu, Yasutake Teraoka, Nitin Labhsetwar	.....	8
Coal and Biomass based Fuels in Rural India: Emissions and Possibility of their Control		
Dolly Valechha, Amol Patil, S. Rayalu, Yasutake Teraoka, Nitin Labhsetwar		
Improved Oxygen Carriers for Cleaner Energy Generation through Chemical Looping Combustion	.....	13
(Micro Review)		
Sudarto Notosiswoyo, Irwan Iskandar	.....	17
Contribution of Coal Mine and Coal Fired Power Plant to CO₂-Emission in Indonesia		
(Technical Report)		
Budi Sulistijo, Adriyanto D. Kusumo	.....	21
Integrated Soil Investigation for the Geothermal Pipe Route in Steep Area		
(Technical Report)		
Tomofumi Higuma, Hikari Fujii, Ryuichi Itoi, Katsunori Horikawa	.....	27
History Matching of Gas Production Performance in Nishikanbara Water-dissolved Gas Field		
.....		
Naoyuki Fukumoto, Keiko Sasaki, Sayo Moriyama, Tsuyoshi Hirajima	.....	32
Synthesis of Magnesia as a Reusable Sorbent for Fluoride		
