

Call for Papers

A special issue on

“Geological Storage of Carbon Dioxide”

for the journal *Terrestrial, Atmospheric and Oceanic Sciences (TAO)* is launched.

(October 2011)

Title of the special issue

Geological Storage of Carbon Dioxide

Scope of the special issue

- Geological storage of carbon dioxide (GSC) in deep geological formations is widely considered as a promising measure on mitigating the increasing concentrations of atmospheric CO₂ content due to combustion of fossil fuels. Many GSC projects, either commercial or of pilot scale, are undertaken in both onshore and offshore areas in many countries. This proposed special issue solicits papers on various subjects on geological storage of CO₂, particularly for Taiwan. They include national or field-scale feasibility studies of CO₂ geosequestration, site characterizations, CO₂ trapping mechanism, CO₂ capacity evaluations, modeling on the behavior of injected CO₂ and its interactions with host rocks, well bore cements and fluids, geochemical and geodetic monitoring on scheduled pilot test sites and risk assessments. This special issue will bring together, for the first time, works that study various aspects on geologic storage of CO₂.

Guest Editors (based on alphabetic order of last name)

- Andrew T. Lin, National Central University (Executive/Leading Guest Editor, Email: andrewl@ncu.edu.tw)
- Zsay-Shing Lin, National Cheng Kung University (Email: zsaylin@mail.ncku.edu.tw)
- Kenn-Ming Yang, National Cheng Kung University (Email: kmyang@mail.ncku.edu.tw)
- Shu-Kun Hsu, National Central University (Email: hsu@ncu.edu.tw)

Important dates

- Manuscript submission deadline: January 31, 2012
- Revision in final form: July 31, 2012
- Tentative publication: December 31, 2012

Submission

To submit your paper to this special issue, please contact the Executive Guest Editor, Prof.

Andrew T. Lin (Email: andrewl@ncu.edu.tw).

Web page

Please visit the *TAO* journal web page for detailed information about submitting you paper:

<http://tao.cgu.org.tw/index.php?center=5&level=1&left=5>