

台灣水利出版委員會

TAIWAN WATER CONSERVANCY, EDITORIAL COMMITTEE

台北市 10617 羅斯福路四段 1 號
國立台灣大學
生物環境系統工程學系轉

C/O National Taiwan University
No.1, Sec. 4, Roosevelt Road,
Taipei, Taiwan 10617

TEL: 886-2-3366-3464
FAX: 886-2-3366-3464
E-mail: twcypilin@gmail.com

Special Issue “Land use and Groundwater”

A special issue of ***Taiwan Water Conservancy*** (ISSN 10492-1505), joint to the Global Land Programme 2018 Asia Conference.

Special Issue Editors

Guest Editor

Dr. Ching-Ping Liang

Fooyin University

Research Interest: Groundwater management、Health risk assessment、
Geostatistics

Email: SC048@fy.edu.tw

Dr. Cheng-Shin Jang

Leisure and Recreation Management, Kainan University

Research Interest: Geostatistics, GIS, Hot spring management, Environmental management

Email: csjang@mail.knu.edu.tw

Special Issue Information

Groundwater is one of the most important sources of water resources and is widely used for urban and rural potable water supply, irrigated agriculture, aquaculture and industrial production. Groundwater is intimately linked to overlying land use practices and land cover. Land-use changes that impact groundwater recharge and groundwater quality are continually taking place, as a consequence of population growth, intensive agriculture practices, and continual industry development. Inappropriate land use, particularly poor land management, causes acute and chronic groundwater quantity and quality problems.

This special issue aims at the links between land use and groundwater, the impacts of land use and land cover changes on groundwater quantity and quality, and the understanding of land-groundwater interaction. We cordially appreciate novel contributions from a wide spectrum of topics that relate land use and groundwater quantity and quality in this special issue.

台灣水利出版委員會

TAIWAN WATER CONSERVANCY, EDITORIAL COMMITTEE

台北市 10617 羅斯福路四段 1 號
國立台灣大學
生物環境系統工程學系轉

C/O National Taiwan University
No.1, Sec. 4, Roosevelt Road,
Taipei, Taiwan 10617

TEL: 886-2-3366-3464
FAX: 886-2-3366-3464
E-mail: twcyplin@gmail.com

Keywords:

Land-use

Groundwater

Water resources

Groundwater quantity and quality

Geographic Information System

Groundwater Contaminant Transport

Manuscript Submission Information

<http://twc.bse.ntu.edu.tw/submit.html>

*Please note that only English manuscripts will be considered

Authors Guide

<http://twc.bse.ntu.edu.tw/authorsguide.html>

Global Land Programme 2018 Asia Conference

<http://www.glp.taipei.ntu.edu.tw/2018-asia-conference/>