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New Science and Technology Journals

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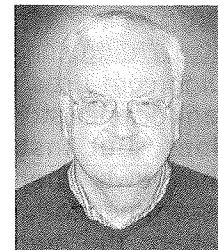
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New Science and Technology Journals

Earl Mounts



CLEAN--Soil, Air, Water. 1863-0650. Wiley. v.36, 2008. 12/year. <http://www.wiley-vch.de/publish/en/>

CLEAN--Soil, Air, Water, an international and interdisciplinary journal covering all aspects of sustainability and environmental safety, includes peer-reviewed scientific reviews, research papers, and short communications. Combining environmental aspects of soil, air, water, and sustainability & technosphere, the journal focuses on prevention measures and forward oriented approaches rather than on remediation and pollution cleanup. By reflecting the rapid development of environmental sciences, CLEAN aims to close the gap between developing and developed countries. The journal focuses on pollution of soil, air, water and their boundaries as habitat resulting from interferences of technosphere with ecosphere, tools characterizing the pollutants from both analytical and ecotoxicological viewpoints, and recent developments on green chemistry and sustainability issues.

IET Renewable Power Generation. 1752-1424. IEEE. v.1, 2007. 4/year. <http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=4159946>

IET Renewable Power Generation brings together the topics of renewable energy technology, power generation and systems integration. Other technologies having a direct role in sustainable power generation such as fuel cells and energy storage will also be covered, as will system control approaches such as demand side management, that facilitate the integration of renewable sources into power systems, both large and small. Specific technology areas covered by the journal include: wind power technology and systems; photovoltaics; solar thermal power generation; geothermal energy; fuel cells; wave power; marine current energy; and biomass conversion.

International Journal of Digital Earth. 1753-8947. Taylor & Francis. v.1, 2008. 5/year. \$351.00. <http://www.tandf.co.uk/journals/titles/17538947.asp>

Digital Earth is a virtual representation of the planet, encompassing all its systems and forms, including human societies, manifested

as a multi-dimensional, multi-scale, multi-temporal, and multi-layer information facility. International Journal of Digital Earth is concerned with the science and technology of Digital Earth and its applications in all major disciplines. The journal has wide range of interest, but the principal topics are: Digital Earth framework, applications, architecture and standards, Digital Earth and earth system, geoinformatics, geo-spatial science, mobile mapping system, visualization and numerical simulation, visible and microwave earth observation, data fusion and integration algorithm, data mining and artificial intelligence, data processing, earth system and global databases, remote sensing – GIS-GPS, global environmental change, and discrete global grids. The journal contains primary research papers on basic science, techniques and applications, review articles, short technical notes and a section of technical letters containing material that merits rapid publication.

International Journal on Greenhouse Gas Control. 1750-5836. Elsevier. v.1, 2007. 4/year. \$751.00. http://www.elsevier.com/wps/find/journaldescription.cws_home/709061/description#description

The International Journal on Greenhouse Gas Control covers developments in greenhouse gas control in the power sectors and in the major manufacturing and production industries. The aim is to cover all greenhouse gas emissions and the range of abatement options available, and comprise both technical and non-technical related literature in one volume. The scope of the journal will include:

CO₂ emissions characterization, modeling and analysis, CO₂ transmission, CO₂ capture (new research results and technical advances on chemical solvents, solid sorbents, membranes and hybrid systems, PSA, TSA and cryogenics), CO₂ storage (geological and ocean, mineral carbonates), alternative mitigation options, non CO₂ GHGs, industry case studies on GHG mitigation technology implementation and financing options including the use of the Kyoto Mechanisms, and discussion of policy options (national and international) to reduce GHG emissions including energy modeling studies and policy assessments on GHG mitigation.

International Journal of RF Technologies: Research and Applications. 1754-5730. Taylor & Francis. v.1, 2008. 4/year. \$468.00. <http://www.tandf.co.uk/journals/journal.asp?issn=1754-5730&linktype=offers>

International Journal of RF Technologies: Research & Applications is a forum for exchanging information and research results regarding RF technology deployment, data analytics, and business value creation. Potential technologies that will be covered in the journal include radio frequency identification (RFID), real time location sensing (RTLS), near-field communication (NFC), and RF-based sensors. Articles focus on how and where to capture the data (e.g. real-time, at the device, on the server etc.), present approaches for finding patterns in the data which may reveal process anomalies or areas for improvement, and examine the development and use of software related to RF technologies. All articles have a clear link to the creation of business value.

Irish Geography. 0075-0778 . Taylor & Francis. v.41, 2008. 3/year. \$250.00. <http://www.tandf.co.uk/journals/titles/00750778.asp>

Irish Geography, the official journal of the Geographical Society of Ireland, is the premier peer-reviewed journal devoted to the geography of Ireland. Irish Geography has been published by the Geographical Society of Ireland since 1944 and is now available from Taylor & Francis. At its most basic level, geography is about the relationship between humans and the environment. It is a subject that has become increasingly relevant in recent years as we hear of the dangers of global warming, of rapid urbanization of the countryside and of problems with waste management and flooding. Geographers are interested in why places are distinctive and how they have changed over time. In an increasingly global world it has also become vital to understand global issues, local events, and their interconnections.

Living Green: Sustainable Choices for Work, Home & Community. 4/year. Free. <http://www.living-green.org/index.htm>

Living Green magazine informs and educates readers about green practices, eco-friendly products, and sustainable solutions—for the home, the workplace, and within our communities. This is the only publication that looks at national, regional, and local approaches to such topics as using renewable energy,

eating organic food, building environmentally sound homes, and making conscious consumer choices that promote green living in our daily lives. In addition, each issue of Living Green magazine looks at business leaders striving to reduce energy consumption and waste, and community or non-profit projects that address environmental issues.

Quantum Dots. 1935-4126. Science Observer. v.1, 2008. http://scienceobserver.com/nano_home.asp?is_all=Y

Quantum Dots is a journal dedicated to the study of nanoscale materials with unique optical and electromagnetic properties. There are many journals dealing directly with nanoscale materials. However, Quantum Dots is unique in being the only journal to address from its very beginning all issues relating to quantum dot synthesis, use and disposal. The primary interest of our readers is the optimization of the size, structure and properties of quantum dots, and articles that discuss the toxicology, economic costs of fabrication and the total cost of disposing of these materials.

Reviews in Aquaculture. 1753-5123. Blackwell. v.1, 2008. 4/year. \$735.00. <http://www.blackwellpublishing.com/>

The primary aim of Reviews in Aquaculture is to provide a forum on developments in aquaculture techniques, policies and planning. The journal publishes fully peer-reviewed articles, invited or otherwise, on major aspects pertaining to aquaculture, including: global, regional and/or national production and market trends; aquaculture practices and technological developments; aquaculture-environment interactions; indigenous and alien species in aquaculture; the biology and culture of aquaculturally important and emerging species; developments in artificial propagation of individual species and groups; developments in feeds and feeding; genetics and health management in aquaculture; aquaculture product quality and traceability; and socio-economics of aquaculture and impacts.

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