Extrica کے Journals Engineering

ISSN ONLINE 2783-686X

June 2025 VOLUME 3 ISSUE 1 PAGES 1-24

Environmental Engineering

Advances in Carbon Capture Utilization and Storage



Editor in Chief

Mayur Pal Kaunas University of Technology, (Lithuania) mayur.pal@ktu.lt

Editorial Board

Ahmad Sami Abushaikha College of Science and Engineering, HBKU, (Qatar)

Rouhi Farajzadeh TU Delft, (Netherlands)

Dominique Guerillot Texas A&M University Qatar, (Qatar)
Farid Karimi University of Jyväskylä, (Finland)
Sadok Lamine Shell Global Solutions, (Netherlands)

Shruti Malik Kaunas University of Technology, (Lithuania)

Aziz Rahman Texas A&M University Qatar, (Qatar)
Sina Rezaei Gomari Teesside University, (United Kingdom)
Ravi Sharma Indian Institute of Technology, (India)
Brijesh Kumar Yadav Indian Institute of Technology (IIT), (India)
Hongwen Zheng Computer Modelling Group, (Canada)

aabushaikha@hbku.edu.qa
r.farajzadeh@tudelft.nl
guerillotsophie@gmail.com
farid.o.karimi@jyu.fi
sadok.lamine@shell.com
shruti.malik@ktu.lt
marahman@tamu.edu
s.rezaei-gomari@tees.ac.uk
ravi.sharma@es.iitr.ac.in
brijesh.yadav@hy.iitr.ac.in

zhenghongwen@gmail.com

ACCUS Advances in Carbon Capture Utilization and Storage

Aims and Scope

Climate change is a serious environmental issue facing the world today. Most promising technique to tackle climate change is through Carbon capture utilization and storage commonly known as CCUS. It is a unique technique, which could enable humans to tackle climate change. The aim of the journal is to publish high quality articles targeting full value chain associated with Carbon capture, transport, storage, utilization, and modelling.

All published papers are peer reviewed and crosschecked by plagiarism detection tools.

More information is available online https://www.extrica.com/journal/accus

The journal material is referred:

Scilit: https://www.scilit.net

Google Scholar: https://scholar.google.com

Ulrich's Periodicals Directory: https://ulrichsweb.serialssolutions.com

WanFang Data: https://www.wanfangdata.com.cn

Crossref: https://search.crossref.org

Content is archived in Martynas Mazvydas National Library of Lithuania

Internet: https://www.extrica.com E-mail: publish@extrica.com

Publisher: Extrica



ACCUS Advances in Carbon Capture Utilization and Storage

JUNE 2025. VOLUME 3, ISSUE 1, PAGES (1-24), ISSN ONLINE 2783-686X

Contents

ADAM WÓJCICKI	1
CTS PROJECT: CO ₂ TRANSPORT AND STORAGE SOLUTIONS IN THE BLACK SEA	13
ALEXANDRA-CONSTANȚA DUDU, YULIIA DEMCHUK, IVAN VIRSHYLO,	
Mariia Kurylo, Roman Berenblyum, Anders Nermoen,	
Gabriel Iordache, Andrei-Gabriel Dragoș, Constantin-Ștefan Sava,	
CORINA AVRAM, LIA STELEA, SORIN ANGHEL, MYKHAILO BRATAKH,	
Leonid Melnyk	

SHORT DESCRIPTION ABOUT THIS CATEGORY

Climate change is a serious environmental issue facing the world today. Most promising technique to tackle climate change is through Carbon capture utilization and storage commonly known as CCUS. It is a unique technique, which could enable human race to tackle climate change. The aim of the journal is to publish high quality articles targeting full value chain associated with Carbon capture, transport, storage, utilization and modelling. Climate change is a serious environmental issue facing the world today.

Most promising technique to tackle climate change is through Carbon capture utilization and storage commonly known as CCUS. It is a unique technique, which could enable human race to tackle climate change. The aim of the journal is to publish high quality articles targeting full value chain associated with Carbon capture, transport, storage, utilization and modelling.

