



**1st International Conference on the Stability and Safety
of Ships and Ocean Vehicles**

7th – 11th of June 2021

European forum and oBsErVatory for OPEN science in transport (BEOPEN)

TOPOS Observatory for Individuals

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1: Scipedia; 2: WEGEMT

The BE OPEN project

The **BE OPEN** project has received funding from the Horizon2020 of the European Union and aims to promote Open Science in transport research and assist in regulating and standardizing it (<https://beopen-project.eu/>).

The vision of **BE OPEN** is to create a common understanding on the practical impact of Open Science and to identify and put in place the mechanisms to make it a reality in transport research by the setting up and implementation of the Transport Observatory / fOrum for Promoting Open Science (**TOPOS**).

This project has received funding from
the European Union's Horizon 2020
Research and Innovation Programme
under Grant Agreement No 824323



TOPOS Observatory

The TOPOS Observatory aims to showcase the status and progress of open science uptake in transport research, and it comes in two versions: a) the TOPOS Observatory for Organisations and b) TOPOS Observatory for Individuals.

The current presentation deals with the ***TOPOS Observatory for Individuals***, which is a scientific and technical digital platform that aims to provide publishing and open access contents in the field of transport research, being addressed to individual users from the science and technology areas.

The ***TOPOS Observatory for Individuals*** utilizes the capabilities of **Scipedia**, which is an open professional network where professors, students, scientists, researchers and professionals in science and technology can access and share knowledge, expertise and showcase their work.

THE SCIPEDIA PLATFORM

- *Scipedia* commercializes a comprehensive and unparalleled solution for the needs of open access / open data / open innovation/ open science
- *Scipedia's* solution essentially integrates an advanced online publishing and data management platform within a collaborative social network
- *Scipedia* offers publishing and data repository management services (SaaS, Software as a Service) on the platform Scipedia.com and the possibility to build customized solutions for institutions (SaaS or hosted on a server)
- Customized solutions can be built on the following components:
 - a) *Scipedia* Open Science Portal (SOSP)
 - b) *Scipedia* Open Publishing Platform (SOPP)

THE SCIPEDIA PLATFORM key futures

Enriched web format + online

text , references , links

Datasets

video

Import from MS Word / LaTeX

Online (collaborative) edition

PDF viewer

Linked to authors inst . profile

Information

Indexing support metadata

Keywords tags

Categories

DOI and doc. info

Licence

Other utilities

Discussion forum

Revisions history

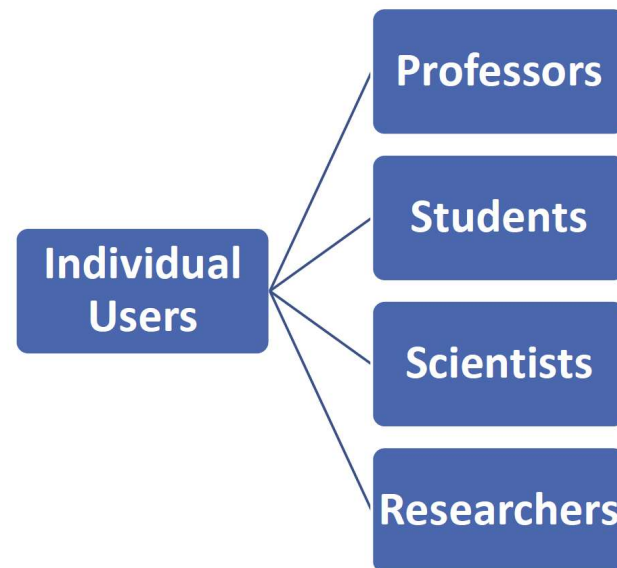
Share documents

Document score

Views / recommend

TOPOS Observatory for Individuals

- The TOPOS Observatory for Individuals is addressed to individual users from the science and technology areas that are looking for sharing information.



TOPOS Observatory for Individuals (key futures)

Explore: searches and discovers research products of any type in the field of transport research.

Discuss: adds comments on published documents and datasets.

Provide: provides metadata, content or datasets.

Link: links a research result to its funding project through the project profile curator.

TOPOS Observatory for Individuals (key futures)



(<https://www.scipedia.com/institution/beopen-project.eu>).

Open Portal

- Customized layout/design
- Dedicated instance (institutional URL)
- Home page

Overview

Information

- Linked to repositories
- Directory (members)
- Analytics
- Curation edition, administration

TOPOS Observatory for Individuals (document/data collections)

Customized URL



Customized banner



Title / Scope

Collection of open chapters of books in transport research

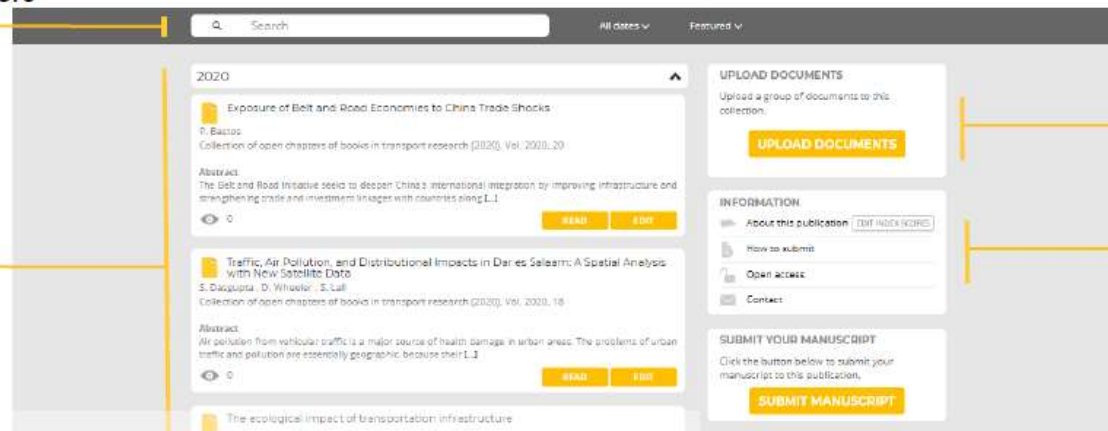
The collection is a repository of open access books or open chapters of books on all aspects of transport research.

CONTRIBUTE HELP

DOCUMENTS	888
VIEWS	111
SCORE	5
SCORE PERCENTILE	100

Collection metrics / statistics

Search tools / Filters



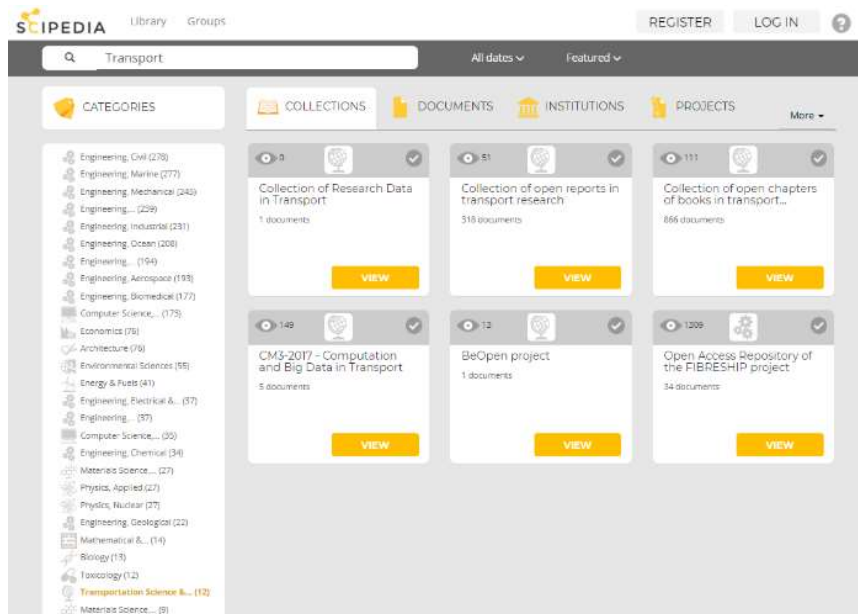
Contents

Submit new contents

Collection information

TOPOS Observatory for Individuals (Research Repositories)

Search Engine



-Provides immediate access to content in multiple ways

-full-text search engine (Solr)

-Any text search is performed in milliseconds through all the content, including title, abstract, full text, references, authors, categories and any additional fields defined.

-Content is indexed by categories (scientific fields), keywords, authors and publications.

-Use of additional filtering utilities (such as dates, featured, most viewed, etc.)

TOPOS Observatory for Individuals (Transport Research Contents)

Transport research contents for the TOPOS Observatory for Individuals have been harvested from OpenAIRE:

- OpenAIRE Research Graph on Zenodo (JSON)
- OpenAIRE Selective Access API

Categories: article, conference object, book, thesis, report, dataset, other

Access right : open, closed , restricted , embargo, none



(<https://doi.org/10.5281/zenodo.3974604>)

Conclusions

The ***TOPOS Observatory for Individuals*** offers an innovative Open Science framework for students, researchers and professionals who seek:

- To search and discover research products of any type in the field of transport research.
- Online collaborative tools to improve contents and to insert supplementary material such as video, datasets, models and more.
- To share results and work at any stage of the research cycle.
- To build an active community of contributors.
- To work collaboratively in research reports and open discussion forums.
- To create a profile for their open science project.

European forum and oBservatory for OPEN science in transport (BEOPEN): TOPOS Observatory for Individuals

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REFERENCES

BE OPEN Grant Agreement (824323 —H2020-MG-2018-2019-2020/H2020-MG-2018-SingleStage-INEA)

The logo features a stylized blue wave on the left, followed by the text 'SAFE STAB 2021' in a bold, black, sans-serif font. The letters 'A', 'F', and 'E' are positioned above the 'S', 'T', and 'A' respectively.

SAFE STAB 2021

THANK YOU FOR YOUR ATTENTION

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