

OJS u naučnom izdavaštvu u otvorenom pristupu

Milica Ševkušić
Institut tehničkih nauka SANU i EIFL

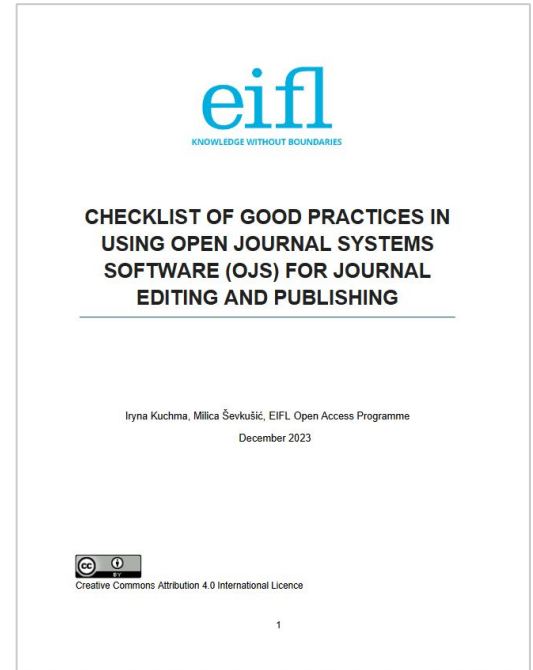
ZNAK

Hrvatska udruga za
znanstvenu komunikaciju

21/02/2025

Open Journal Systems

- Besplatni softver otvorenog koda (GNU General Public License)
- Održava ga neprofitna inicijativa Public Knowledge Project (PKP)
- Prva verzija se pojavila 2001.
- Veb-sajt: <https://pkp.sfu.ca/software/ojs/>
- Dokumentacija: <https://docs.pkp.sfu.ca/dev/>



Kuchma, I., & Ševkušić, M. (2023). Checklist of good practices in using Open Journal Systems software (OJS) for journal editing and publishing (Version 3). Zenodo.
<https://doi.org/10.5281/zenodo.10665389>



OJS koristi više od 50000 časopisa širom sveta.

Khanna, Saurabh, Jonas Raoni, Alec Smecher, Juan Pablo Alperin, Jon Ball, and John Willinsky. 2024. 'Details of Publications Using Software by the Public Knowledge Project'. Harvard Dataverse. <https://doi.org/10.7910/DVN/OCZNVY>.

81 u HR / 46 HRČAK
66 u RS

Zašto bi trebalo koristiti OJS

- Podržava sve faze procesa izdavanja časopisa - od prijema radova, do objavljivanja sadržaja
- Standardne funkcije su automatski dostupne
- Kontrola nad sadržajem i podacima
- Softver je besplatan, a kod otvoren
- Veliki broj korisnika i velika zajednica uključena u razvoj softvera

Zašto neki urednici ne vole OJS

- Ne dopada im se dizajn
- Veruju da su komercijalne opcije kvalitetnije
- Nešto ne radi, iako bi trebalo da radi
- Teško je ubediti autore i recenzente da koriste sistem
- Teško je obezbediti održavanje
- IT podrška nije dostupna

FUNKCIJA	OJS (samostalni)	OJS platforma	Komercijalni servisi	CMS (Drupal, Wordpress, Joomla)
Objavljanje sadržaja	✓	✓	✓	Manuelno formatiranje strana
Prijem radova	✓	✓	✓	Dodatni napor
Komunikacija sa recenzentima kroz sistem	✓	✓	✓	Veliki dodatni napor
Automatizovano dodeljivanje DOI	✓	✓	✓	✗
Automatizovano prikazivanje mašinski čitljivih metapodataka	✓	✓	✓	Dodatni napor
Automatizovano dostavljanje metapodataka u DOAJ	✓	✓	Zavisi od vlasnika platforme	✗
Ažuriranje softvera	✓	✓ Zavisi od vlasnika platforme	Zavisi od vlasnika platforme	✓ Uz rizik da posebna prilagođavanja više ne rade
Migracija sadržaja	✓	✓	Uz dodatne troškove, ako vlasnik platforme omogući	Veliki dodatni napor
Migracija uredničke dokumentacije	Teško ili nemoguće	Teško ili nemoguće	✗	✗
Višejezičnost	✓	✓	Uz dodatne troškove, ako vlasnik platforme omogući	Dodatni napor
Dizajn interfejsa	✓	✗	✗	✓

<https://doi.org/10.46793/tribomat.2024.001>[Download PDF](#)

The influence of worm gear material and lubricant on the efficiency and coefficient of friction

Aleksandar Skulić¹, Milan Bukvić², Sandra Gajević², Slavica Miladinović², Blaža Stojanović²¹ Kosovo and Metohija Academy of Applied Studies, Leposavić, Serbia² University of Kragujevac, Faculty of Engineering, Kragujevac, Serbia

Abstract: This paper presents the results of experimental tests of the efficiency of a single-stage worm gear. Two worm drives were used for testing, where the worms are made of improved steel 42CrMo4 and the worm gears are made of tin bronze CuSn12 and aluminium alloy A356. The values of the efficiency were determined at different values of revolutions and loads, where oils of different viscosities were used for lubrication. Determining the efficiency, the coefficient of friction of worm drives was calculated for experimental operating conditions, as well as the mass measurement of worm gears before and after testing. Based on the experimental results, depending on the operating mode and oil vis material 42CrMo4/CuSn12 are higher by 5 to 9 % compared to the worm drive 42CrMo4/CuSn12 cause lower values of the coefficient of friction by 14 to 21 % as well as

Keywords: worm gear, efficiency, coefficient of friction, wear, oil viscosity, material.

Received: 06-09-2023, Revised: 01-11-2023, Accepted: 05-11-2023



This work is licensed under a Creative Commons Attribution-NonCommercial license, which allows you to share, adapt, and build upon the material in any medium or format, as long as you give appropriate credit to the creator.

Samostalno razvijen CMS: mašinski čitljivi metapodaci nisu dostupni, što negativno utiče na vidljivost i rangiranje u pretraživačimma.

```
<head>
```

```
<meta name="Description" content="Tribology and Materials" />
<meta name="Keywords" content="tribology, friction, wear, lubrication, materials" />
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<meta name="Distribution" content="Global" />
<meta name="Robots" content="index,follow" />
```

```
<link rel="stylesheet" media="screen" href="https://fontlibrary.org/face/montserrat" type="text/css"/>
```

```
<script src="script/modernizr-custom.js"></script>
```

```
<link rel="apple-touch-icon" sizes="180x180" href="/icons/apple-touch-icon.png">
<link rel="icon" type="image/png" sizes="32x32" href="/icons/favicon-32x32.png">
<link rel="icon" type="image/png" sizes="16x16" href="/icons/favicon-16x16.png">
<link rel="manifest" href="/icons/site.webmanifest">
<link rel="mask-icon" href="/icons/safari-pinned-tab.svg" color="#5bbad5">
<link rel="shortcut icon" href="/icons/favicon.ico">
<meta name="msapplication-TileColor" content="#da532c">
<meta name="msapplication-config" content="/icons/browserconfig.xml">
<meta name="theme-color" content="#ffffff">
```

The The effect of economic policy uncertainty and geopolitics on LNG freight rates across different market conditions

Christos Bentsos

University of Piraeus

 <https://orcid.org/0009-0009-7701-8106>

Dionysios Polemis

University of Piraeus

Keywords: LNG, economic policy uncertainty, Freight rate, Geopolitical risk, Markov – switching VAR

Abstract

This paper examines the effects of economic policy uncertainty and geopolitics on LNG freight rates under different market sentiments, employing Markov – switching Vector Autoregressive (MS-VAR) models. Considering the crucial role of diversification and security of energy supply, we aim to fill this gap in the literature, referring to the transportation cost of LNG. Economic policy uncertainty impacts in a negative way the freight rates in the USA-China trading route and increases the freights at the USA-Europe trading route despite the market conditions. We found that the effect of a shock on National security index is more pronounced at the USA-Europe route. A shock on Geopolitical indices creates an upward trend in the freight rates for both routes under bullish market conditions, which is more intense in the USA-Europe trading route. Our results bear significant implications for both shipowners and charterers related with the LNG trade. This article is a revised and expanded version of the respective research which presented at the International Association of Maritime Economics (IAME) 2024 annual conference, Valencia, in June 2024.



 32921

Published
2024-12-24

Issue
[On-line First](#)

Section
Original scientific papers

License
Copyright (c) 2024 Christos Bentsos,
Dionysios Polemis



This work is licensed under a [Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International License](#).

OJS: mašinski čitljivi metapodaci

```
12 <link rel="icon" href="https://hrcaj.srce.hr/ojs/public/journals/109/favicon_en_US.ico">
13 <meta name="generator" content="Open Journal Systems 3.2.1.4">
14 <link rel="schema:DC" href="http://url.org/dc/elements/1.1/" />
15 <meta name="DC.Creator.PersonalName" content="Christos Bentsos"/>
16 <meta name="DC.Creator.PersonalName" content="Dionysios Polemis"/>
17 <meta name="DC.Date.created" scheme="ISO8601" content="2024-12-24"/>
18 <meta name="DC.Date.dateSubmitted" scheme="ISO8601" content="2024-09-24"/>
19 <meta name="DC.Date.issued" scheme="ISO8601" content="2024-12-24"/>
20 <meta name="DC.Date.modified" scheme="ISO8601" content="2024-12-24"/>
21 <meta name="DC.Description" xml:lang="en" content="This paper examines the effects of economic policy uncertainty and geopolitics on LNG freight rates under different market sentiments, employing Markov – switching Vector Autoregressive (MS-VAR) models. Considering the crucial role of diversification and security of energy supply, we aim to fill this gap in the literature, referring to the transportation cost of LNG. Economic policy uncertainty impacts in a negative way the freight rates in the USA-China trading route and increases the freights at the USA-Europe trading route despite the market conditions. We found that the effect of a shock on National security index is more pronounced at the USA-Europe route. A shock on Geopolitical indices creates an upward trend in the freight rates for both routes under bullish market conditions, which is more intense in the USA-Europe trading route. Our results bear significant implications for both shipowners and charterers related with the LNG trade. This article is a revised and expanded version of the respective research which presented at the International Association of Maritime Economics (IAME) 2024 annual conference, Valencia, in June 2024."/>
22 <meta name="DC.Format" scheme="IMT" content="application/pdf"/>
23 <meta name="DC.Identifier" content="32921"/>
24 <meta name="DC.Identifier.pageNumber" content="33-44"/>
25 <meta name="DC.Identifier.URI" content="https://hrcaj.srce.hr/ojs/index.php/pomorstvo/article/view/32921"/>
26 <meta name="DC.Language" scheme="ISO639-1" content="en"/>
27 <meta name="DC.Rights" content="Copyright (c) 2024 Christos Bentsos, Dionysios Polemis"/>
28 <meta name="DC.Rights" content="https://creativecommons.org/licenses/by-nc-nd/4.0"/>
29 <meta name="DC.Source" content="Scientific Journal of Maritime Research - Pomorstvo"/>
30 <meta name="DC.Source.ISSN" content="1846-8438"/>
31 <meta name="DC.Source.URI" content="https://hrcaj.srce.hr/ojs/index.php/pomorstvo"/>
32 <meta name="DC.Subject" xml:lang="en" content="Markov – switching VAR"/>
33 <meta name="DC.Title" content="The The effect of economic policy uncertainty and geopolitics on LNG freight rates across different market conditions"/>
34 <meta name="DC.Type" content="Text.Serial.Journal"/>
35 <meta name="DC.Type.articleType" content="Original scientific papers"/>
36 <meta name="gs_meta_revision" content="1.1"/>
37 <meta name="citation_journal_title" content="Scientific Journal of Maritime Research - Pomorstvo"/>
38 <meta name="citation_journal_abbrev" content="Pomorstvo"/>
39 <meta name="citation_issn" content="1846-8438"/>
40 <meta name="citation_author" content="Christos Bentsos"/>
41 <meta name="citation_author_institution" content="University of Piraeus"/>
42 <meta name="citation_author" content="Dionysios Polemis"/>
43 <meta name="citation_author_institution" content="University of Piraeus"/>
44 <meta name="citation_title" content="The The effect of economic policy uncertainty and geopolitics on LNG freight rates across different market conditions"/>
45 <meta name="citation_language" content="en"/>
46 <meta name="citation_date" content="2024/12/24"/>
47 <meta name="citation_firstpage" content="33"/>
48 <meta name="citation_lastpage" content="44"/>
49 <meta name="citation_abstract_html_url" content="https://hrcaj.srce.hr/ojs/index.php/pomorstvo/article/view/32921"/>
50 <meta name="citation_keywords" xml:lang="en" content="LNG"/>
51 <meta name="citation_keywords" xml:lang="en" content="economic policy uncertainty"/>
52 <meta name="citation_keywords" xml:lang="en" content="Freight rate"/>
53 <meta name="citation_keywords" xml:lang="en" content="Geopolitical risk"/>
54 <meta name="citation_keywords" xml:lang="en" content="Markov – switching VAR"/>
55 <meta name="citation_pdf_url" content="https://hrcaj.srce.hr/ojs/index.php/pomorstvo/article/download/32921/17109"/>
```


OAI-PMH

Set

setName Scientific Journal of Maritime Research - Pomorstvo

setSpec pomorstvo [Identifiers](#) [Records](#)

OAI Record: oai:ojis.pkp.sfu.ca:article/32921

OAI Record Header

OAI Identifier oai:ojis.pkp.sfu.ca:article/32921 [oai_dc](#) [formats](#)

Datestamp 2024-12-24T08:48:06Z

setSpec pomorstvo:ORG [Identifiers](#) [Records](#)

Dublin Core Metadata (oai_dc)

Title The The effect of economic policy uncertainty and geopolitics on LNG freight rates across different market conditions

Author or Creator Bentsos, Christos

Author or Creator Polemis, Dionysios

Subject and Keywords LNG

Subject and Keywords economic policy uncertainty

Subject and Keywords Freight rate

Subject and Keywords Geopolitical risk

Subject and Keywords Markov – switching VAR

Description This paper examines the effects of economic policy uncertainty and geopolitics on LNG freight rates under different market sentiments, employing Markov – switching Vector Autoregressive (MS-VAR) models. Considering the crucial role of diversification and security of energy supply, we aim to fill this gap in the literature, referring to the transportation cost of LNG. Economic policy uncertainty impacts in a negative way the freight rates in the USA-China trading route and increases the freights at the USA-Europe trading route despite the market conditions. We found that the effect of a shock on National security index is more pronounced at the USA-Europe route. A shock on Geopolitical indices creates an upward trend in the freight rates for both routes under bullish market conditions, which is more intense in the USA-Europe trading route. Our results bear significant implications for both shipowners and charterers related with the LNG trade. This article is a revised and expanded version of the respective research which presented at the International Association of Maritime Economics(IAME) 2024 annual conference, Valencia, in June 2024.

Publisher University of Rijeka, Faculty of Maritime Studies

Date 2024-12-24

Resource Type info:eu-repo/semantics/article

Resource Type info:eu-repo/semantics/publishedVersion

Format application/pdf

Resource Identifier <https://hrcak.srce.hr/ojs/index.php/pomorstvo/article/view/32921>

Source Scientific Journal of Maritime Research - Pomorstvo; On-line First; 33-44

Source 1846-8438

Source 1332-0718

Language eng

Relation [URL](#) *URL not shown as it is very long.*

Rights Management Copyright (c) 2024 Christos Bentsos, Dionysios Polemis

Rights Management <https://creativecommons.org/licenses/by-nc-nd/4.0>

