

Open Science in View of Scientific Journal Geodetski vestnik

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University of Ljubljana
Faculty of Civil and Geodetic Engineering



Missions:

- undergraduate and postgraduate education,
- providing of basic, applied and development research,
- **the transfer of knowledge** into practice and professional consulting – **by supporting of scientific journals:**
 - **Geodetski vestnik** - Journal of the Association of Surveyors of Slovenia,
 - **Gradbeni vestnik,**
 - **Acta hydrotechnica.**

Gains of Open Access

The authors

- increase the visibility of scientific publication
- increase the citation (make their higher citation more probable),
- increased scientific impact,
- and protection of copyright on ideas.

The users gain immediate access to the results of scientific and research works at the global level.

Journals gain better value as competitive advantage.

(Harnad and Brody, 2004; Antelman, 2004; Kurtz et al., 2005; Moed, 2007; Xia et al., 2011, Koler-Povh et al. 2014).

Open Publishing is Required

International:

- EC – since 2008 – for publications from social sciences,
- EC - since 2014 - for publications of all subject fields, including technical and natural sciences:

Grant Agreement for the Horizon 2020, authors are required to ensure open access to publications from projects financed by European Commission, regardless of publishers' policy (Chapter 29.2a).

Slovenia:

National strategy of open access to scientific publications and research data in Slovenia 2015-2020 (in September 2015 was adopted).

Geodetski vestnik

- The leading Slovenian scientific and professional journal in geodesy, land surveying and geoinformatics,
- which has been recognized also as one of leading internationally oriented journal in the field of geodesy
(by Stojanovski, Frančula and Lapaine, 2015).
- published since 1953, regularly since 1959, as **OA since 2004**,
- by the Association of Surveyors of Slovenia,
- published quarterly, around 25 reviewed articles per year,
- Peer-reviewed articles are published in Slovenian, in English, or in English and Slovenian languages.

Type of Articles

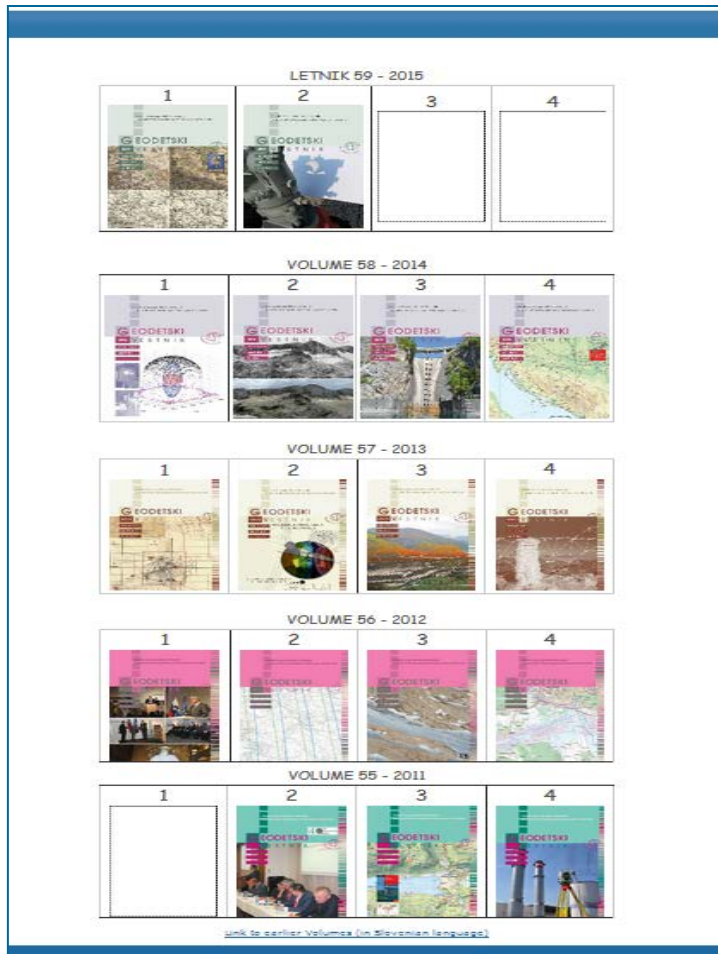
- publishes scientific and professional peer-reviewed papers,
- professional discussions,
- results of theses and scientific works,
- reports of the state surveying and mapping authority,
- professional informative articles,
- polemics, documents of the association, communications to members,
- memorial and similar records,
- advertisements and tenders.

Editorial's Activities for better Recognition of GV

- Increase of the quality – double blind peer-review,
- Open access to full-text papers at the journal's website since 2004 (backward to 2000),
- Indexation in many information systems and databases:
 - Cobiss.si,
 - DOAJ,
 - WoS - SSCI,
 - DRUGG,
 - CrossRef,
 - GEOBASE, GeoRef, ICONDA,
 - In future: Scopus, Proquest, EBSCO...
- Involving of librarian as an expert of scientific communication.

GV and its Web Site (2005, backward to 2000-)

<http://www.geodetski-vestnik.com/en/>



GEODETSKI
2015 VESTNIK

Home **Current Issue** Previous Issues Info Editorship Links Instructions for authors

Geodetski vestnik Vol. 59 (2015), No. 2

Scientific and professional articles - In English

[GEODETSKI VESTNIK AND ITS PATH TO BETTER INTERNATIONAL RECOGNITION](#)
Teja Koler-Povh, Anka Lisec
DOI: 10.15292/geodetski-vestnik.2015.02.289-319

[LAND CONSOLIDATION APPRAISAL OF AGRICULTURAL LAND IN THE GIS ENVIRONMENT](#)
Stojanka Branković, Ljiljana Parezanović, Dragiša Simović
DOI: 10.15292/geodetski-vestnik.2015.02.320-334

[GEOGRAPHICAL DATA SETS FITNESS OF USE EVALUATION](#)
Etižbelta Bielecka
DOI: 10.15292/geodetski-vestnik.2015.02.335-348

Scientific and professional articles - Only abstracts are available in English

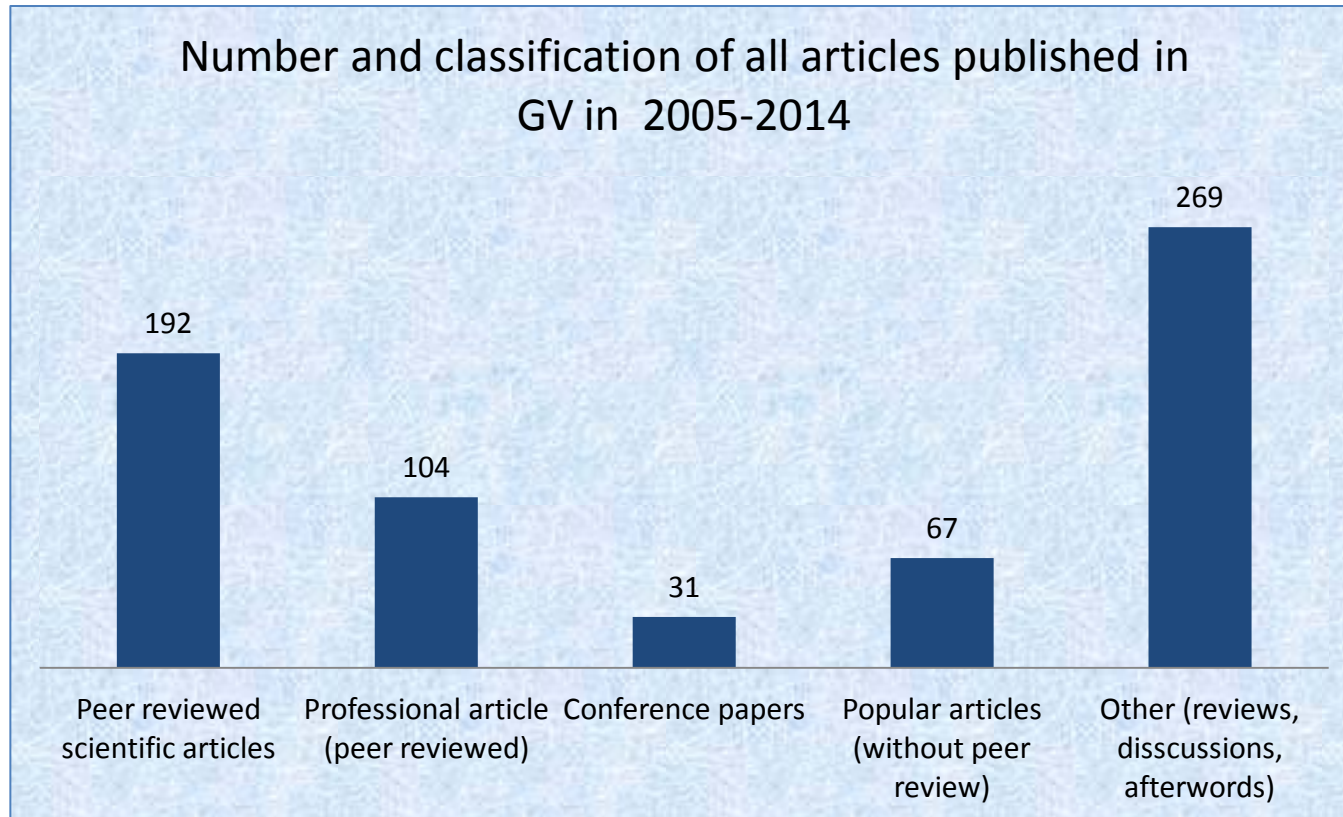
[IMPACT OF THE GRID CELL SIZE AND INTERPOLATION METHODS ON EARTHWORK VOLUME CALCULATION](#)
Tilen Urbančič, Vid Grahor, Božo Koler
DOI: 10.15292/geodetski-vestnik.2015.02.231-245

[EXTRACTION OF POWER LINES FROM AIRBORNE AND TERRESTRIAL LASER SCANNING DATA USING THE HOUGH TRANSFORM](#)
Dejan Grigillo, Samo Ozvaldič, Anja Vrečko, Mojca Kosmatin Fras
DOI: 10.15292/geodetski-vestnik.2015.02.246-261

[BENCHMARKING LAND ADMINISTRATION SYSTEMS](#)
Božena Lipej
DOI: 10.15292/geodetski-vestnik.2015.02.267-274

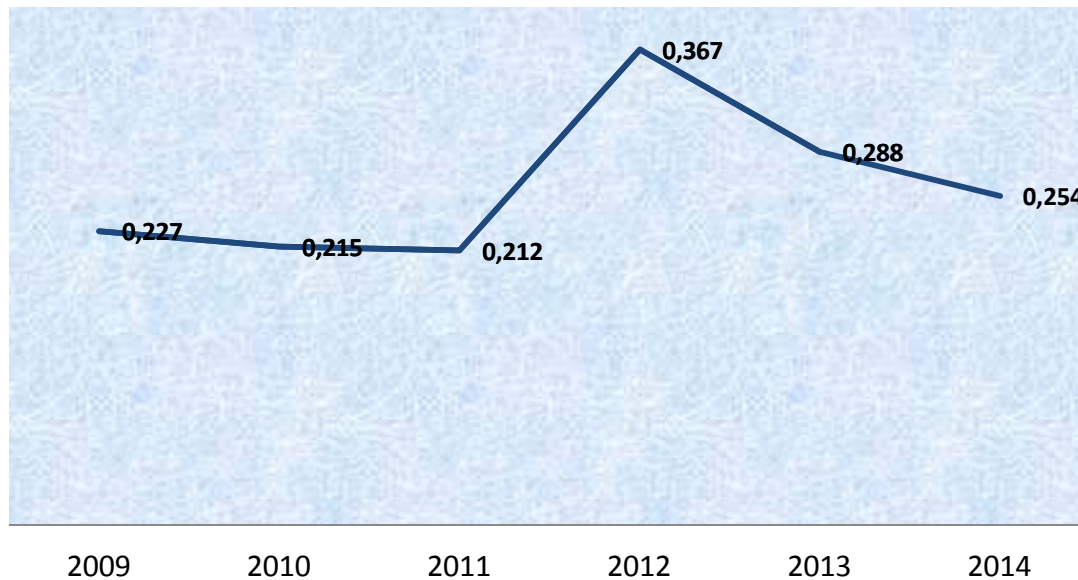
[DETERMINATION OF PRIME AGRICULTURAL LAND CONSERVATION AREAS - A METHODOLOGICAL ATTEMPT](#)
Nadja Penko Seidl, Mojca Golobič
DOI: 10.15292/geodetski-vestnik.2015.02.275-288

GV & Cobiss.si (1994, backward to 1980-)



GV & Web of Science –WoS (2007-)

**Impact factor (IF) of Geodetski vestnik
2009-2013**



Indexed in

**Social Sciences Citation
Index - SSCI,**

subject category:

**Geography, Planning
and Development,**

but not

Earth and Planetary
Sciences (msc.)

or

Geosciences
(miscellaneous).

First indexed in 2009.

GV & DOAJ (2006, backward to 2001-)

- DOAJ - Directory of Open Access Journals (<http://www.doaj.org/>) indexes and provides access to scientific and professional peer-reviewed journals.
- At the end of year 2014 it included more than 10.000 journals from 135 countries, 6.000 journals among them provide open access on article level, so does Geodetski vestnik.
- GV was one of 8 Slovenian journals in DOAJ in 2006.
- In 2014: 31 Slovenian journals.

share 10 order by ... relevance search all Geodetski vestnik

← 261 – 270 of 395 →

– Journals vs Articles

Journals (1)

Articles (394)

+ Subject

+ Publisher

+ Full Text language

Geodezija v geotehniki : Geodesy in Geotechnics

Božo Koler, Dušan Kogoj, Tomaž Ambrožič, Simona Savšek, Oskar Sterle, Bojan Stopar

Geodetski Vestnik. 2010;54(1):31-43

[Abstract](#) | [Full Text](#)

Nekatera razmišljanja o prostorskih integracijskih procesih : Some considerations on spatial integration processes

Jasenska Kranjčević

Geodetski Vestnik. 2007;51(2):264-269

[Abstract](#) | [Full Text](#)

Izračun položaja GPS-satelita iz podatkov preciznih efemerid : GPS-orbit computation from precise ephemeris data

Bojan Stopar, Polona Pavlovčič Prešeren

Geodetski Vestnik. 2005;49(2):177-190

[Abstract](#) | [Full Text](#)

Podatki iz višin danes in jutri

Janez Oven

Geodetski Vestnik. 2001;45(3):473-479

[Abstract](#) | [Full Text](#)

Izkušnje geodeta na področju prostorskega načrtovanja v Sloveniji v letih 1987–2007 : Experience of a geodesist in the field of spatial planning in Slovenia during the period 1987-2007

Jože Kos Grabar

Geodetski Vestnik. 2007;51(2):377-382

[Abstract](#) | [Full Text](#)

Modeliranje ionosferske refrakcije za izboljšavo absolutnega gnss-položaja s kodnimi instrumenti: priprava na 24. sončev cikel ; Ionospheric refraction modeling for better autonomous gnsscode positioning: in preparation of solar cycle 24

Oskar Sterle, Bojan Stopar, Polona Pavlovčič Prešeren

Geodetski Vestnik. 2013;57(1):9-24

[Abstract](#) | [Full Text](#)



GV & DRUGG (2013, backward to 2000-)

- DRUGG (drugg.fgg.uni-lj.si/)

Documents type	dec.11	dec.12	dec.13	dec.14
Theses	1.000	1.444	1.763	2104
Monographs	0	31	39	58
Papers	0	0	227	280
Total	1.000	1.475	2.029	2.442

GV & The DRUGG Repository

(drugg.fgg.uni-lj.si/)

<p>Univerza v Ljubljani Fakulteta za gradbeništvo in geodezijo</p>  <p>Jamova cesta 2 1000 Ljubljana, Slovenija http://www3.fgg.uni-lj.si/</p> <p>DRUGG – Digitalni repozitorij UL FGG http://drugg.fgg.uni-lj.si/</p> <p>V zbirki je izvirna različica izdajatelja.</p> <p>Prosimo, da se pri navajanju sklicujete na bibliografske podatke, kot je navedeno:</p>	<p>University of Ljubljana Faculty of Civil and Geodetic Engineering</p>  <p>Jamova cesta 2 SI – 1000 Ljubljana, Slovenia http://www3.fgg.uni-lj.si/en/</p> <p>DRUGG – The Digital Repository http://drugg.fgg.uni-lj.si/</p> <p>This is a publisher's version PDF file.</p> <p>When citing, please refer to the publisher's bibliographic information as follows:</p>
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Urbančič, T., Koler, B., Stopar, B., Kosmatin Fras, M. 2014. Analiza kakovosti določitve parametrov krogle pri terestičnem laserskem skeniranju = Quality analysis of the sphere parameters determination in terrestrial laser scanning. *Geodetski vestnik* 58, 1: 11-27.

DOI: <http://dx.doi.org/10.15292/geodetski-vestnik.slv.2014.01.011-027>
<http://drugg.fgg.uni-lj.si/4706/>

Datum arhiviranja / Archiving Date: 15-07-2014

Urbančič, T., Koler, B., Stopar, B., Kosmatin Fras, M. 2014. Analiza kakovosti določitve parametrov krogle pri terestičnem laserskem skeniranju = Quality analysis of the sphere parameters determination in terrestrial laser scanning. *Geodetski vestnik* 58, 1: 11-27.

DOI: <http://dx.doi.org/10.15292/geodetski-vestnik.slv.2014.01.011-027>
<http://drugg.fgg.uni-lj.si/4706/>

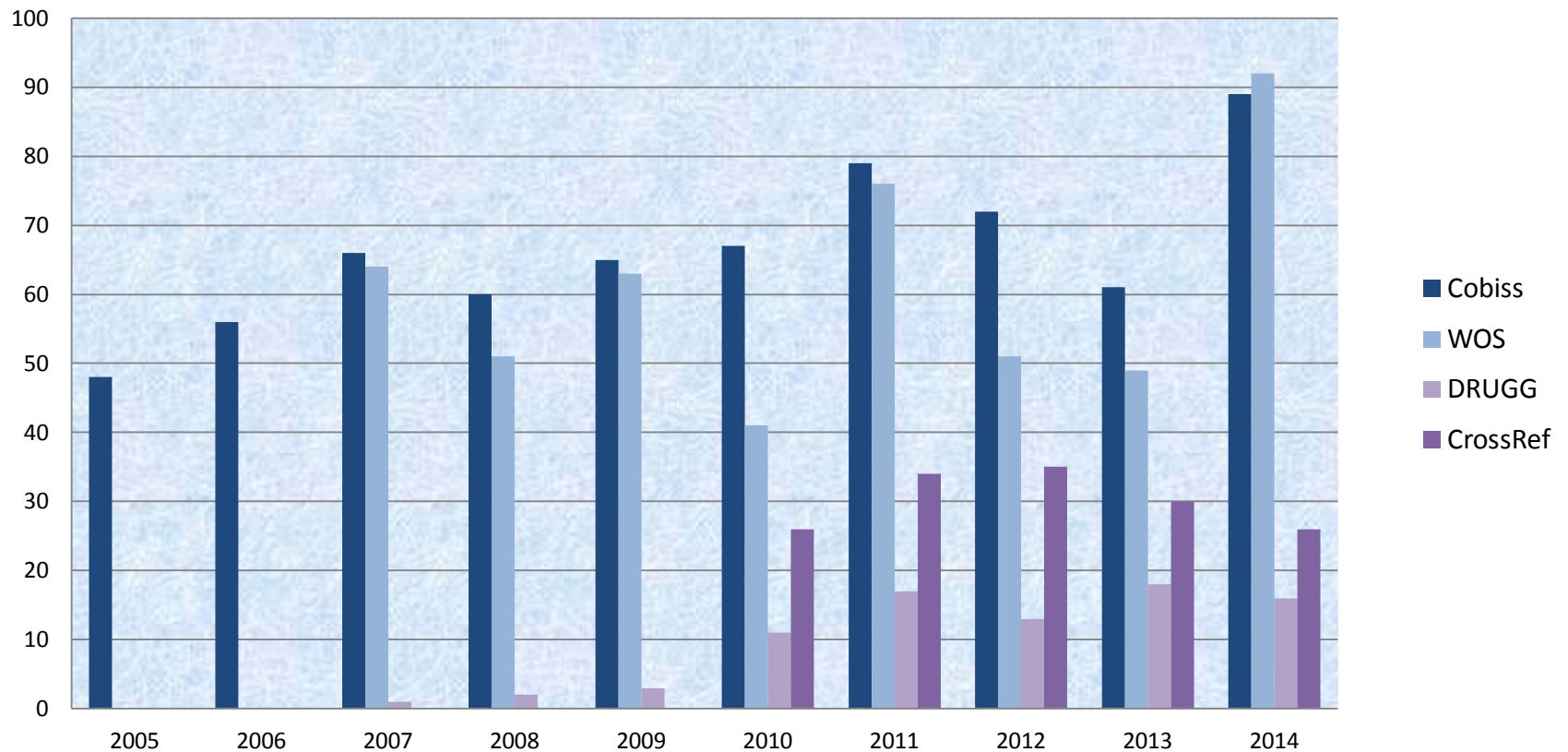
Datum arhiviranja / Archiving Date: 15-07-2014

GV & CrossRef (2014, backward to 2010-)

- The DOI identifier was assigned to all peer reviewed articles published from 2010 onwards (143 articles):
 - by registering all these articles in the CrossRef system,
 - by archiving their metadata.
- The Geodetski vestnik's website <http://www.geodetski-vestnik.com/en/> was appropriately updated.
- The DOI identifier was added in COBISS and DRUGG's frontpage as well.

The Importance of Indexation in Several Systems

Differences in no. of indexation in 4 systems



The Research

- Articles, published in Geodetski vestnik since 1970-.
- Citation in the period 2009–2013.
- Data base: WoS.

Aim & Scope:

- To recognize the actual scientific impact and value of GV,
- To predict the future of GV.

The hypothesis:

- The citation of GV and its articles is higher in JCR year 2013 than 2009.

GV as Cited Journal

2011		All Journals	Yrs	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	Rest
	0.212	GEOD VESTN	32	3	6	4	9	1	2	0	1	2	1	3
	0.484	CENT EUR J OPER RES	1	0	0	0	0	0	0	0	0	0	0	1
	0.082	GRADEVINAR	1	0	0	0	1	0	0	0	0	0	0	0
	0.317	LEX LOCALIS	1	0	1	0	0	0	0	0	0	0	0	0
	1.009	MACH VISION APPL	1	0	0	0	0	0	0	0	1	0	0	0
	1.098	PHOTOGRAMM REC	1	0	0	0	0	0	0	1	0	0	0	0
	Total	7	37	3	7	4	10	1	2	1	2	2	1	4
JCR Impact	Citing Journal		Cited Year											
2012		All Journals	Yrs	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	Rest
	0.367	GEOD VESTN	42	0	7	10	2	9	7	1	0	2	1	3
		ACTUAL PROBL ECON	3	0	1	2	0	0	0	0	0	0	0	0
	0.972	INZ EKON	2	0	0	0	0	2	0	0	0	0	0	0
	0.347	ACTA GEOD GEOPHYS HU	1	0	0	0	0	0	0	1	0	0	0	0
	0.049	DVE DOMOVINI	1	0	0	1	0	0	0	0	0	0	0	0
	1.138	INT J REMOTE SENS	1	0	1	0	0	0	0	0	0	0	0	0
	0.517	SENSOR LETT	1	0	0	0	0	1	0	0	0	0	0	0
	0.290	SURV REV	1	0	0	0	0	1	0	0	0	0	0	0
	Total	8	52	0	9	13	2	13	7	2	0	2	1	3
JCR Impact	Citing Journal		Cited Year											
2013		All Journals	Yrs	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	Rest
	0.288	GEOD VESTN	48	1	4	12	5	3	8	7	2	0	1	5
	0.750	ACTA GEOGR SLOV	4	0	1	1	0	0	1	0	1	0	0	0
	3.134	LAND USE POLICY	4	0	0	0	0	2	0	1	1	0	0	0
	0.577	SURV REV	4	0	0	0	1	0	0	2	0	0	0	1
	2.696	HYDROL PROCESS	1	0	1	0	0	0	0	0	0	0	0	0
	0.995	FUTURES	1	0	1	0	0	0	0	0	0	0	0	0
	2.068	ADV ENG INFORM	1	0	0	0	0	0	0	0	1	0	0	0

JCR 2009	Impact	Citing Journal	Cited Year											
			Yrs	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	Rest
		All Journals												
	0.227	GEOD VESTN	33	0	10	4	6	3	0	6	1	0	3	0
	0.288	ACTA GEOD GEOPHYS HU	2	0	1	0	0	0	0	0	0	0	0	1
		LEX LOCALIS	2	0	2	0	0	0	0	0	0	0	0	0
	0.714	ACTA GEOGR SLOV	1	0	0	0	0	0	0	0	0	1	0	0
	1.110	PHOTOGRAMM ENG REM S	1	0	0	0	0	0	0	1	0	0	0	0
	Total	5	39	0	13	4	6	3	0	7	1	1	3	1
JCR 2010	Impact	Citing Journal	Cited Year											
			Yrs	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	Rest
		All Journals												
	0.215	GEOD VESTN	38	5	4	6	7	3	2	3	5	0	0	3
	0.346	ACTA GEOGR SLOV	3	0	2	1	0	0	0	0	0	0	0	0
		10 INT MULT SCIENT	1	0	1	0	0	0	0	0	0	0	0	0
	2.139	BRIT J EDUC TECHNOL	1	1	0	0	0	0	0	0	0	0	0	0
	0.678	ENVIRON EARTH SCI	1	0	0	0	0	0	0	0	0	0	0	1
	1.016	TURK ONLINE J EDUC T	1	1	0	0	0	0	0	0	0	0	0	0
	Total	6	45	7	7	7	7	3	2	3	5	0	0	4
JCR 2011	Impact	Citing Journal	Cited Year											
			Yrs	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	Rest
		All Journals												
	0.212	GEOD VESTN	32	3	6	4	9	1	2	0	1	2	1	3
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	1.009	MACH VISION APPL	1	0	0	0	0	0	0	0	1	0	0	0
	1.098	PHOTOGRAMM REC	1	0	0	0	0	0	0	1	0	0	0	0
	Total	7	37	3	7	4	10	1	2	1	2	2	1	4
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		All Journals												
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	0.347	ACTA GEOD GEOPHYS HU	1	0	0	0	0	0	0	1	0	0	0	0
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	0.750	ACTA GEOGR SLOV	4	0	1	1	0	0	1	0	1	0	0	0
	3.134	LAND USE POLICY	4	0	0	0	0	2	0	1	1	0	0	0
	0.577	SURV REV	4	0	0	0	1	0	0	2	0	0	0	1
	2.696	HYDROL PROCESS	1	0	1	0	0	0	0	0	0	0	0	0
	0.995	FUTURES	1	0	1	0	0	0	0	0	0	0	0	0
	2.068	ADV ENG INFORM	1	0	0	0	0	0	0	0	1	0	0	0
	0.600	LEX LOCALIS	1	0	0	0	0	1	0	0	0	0	0	0
	0.124	SCRIPTA NOVA	1	0	0	1	0	0	0	0	0	0	0	0
	0.892	J APPL REMOTE SENS	1	0	0	0	1	0	0	0	0	0	0	0
	Total	10	66	1	7	14	7	6	9	10	5	0	1	6

GV and its Citation

- In the period 2009 - 2013 the number of JCR journals that cited Geodetski vestnik has grown from 5 (in JCR year 2009) to 10 (in JCR year 2013).
- The articles published in these journals cited the GV articles in 2013 twice as much as in 2009, in JCR year 2009 = 39 times, in JCR year 2013 = 66 times.
- Among the citing journals, the share of international foreign journals has increased each year.
- The share of journals from SSCI is always higher than that of journals from SCIE, which confirms the decision of ISI/Thomson Reuters to classify the Geodetski vestnik in SSCI.
- The higher ranked JCR journals are frequently presented in late period (2013) as in 2009.

BUT:

- The level of self-citations of GV is of concern. Namely, it is high in the whole period (more than 80% of all citations), when finally in JCR year 2013 it dropped to 73%.

Conclusions

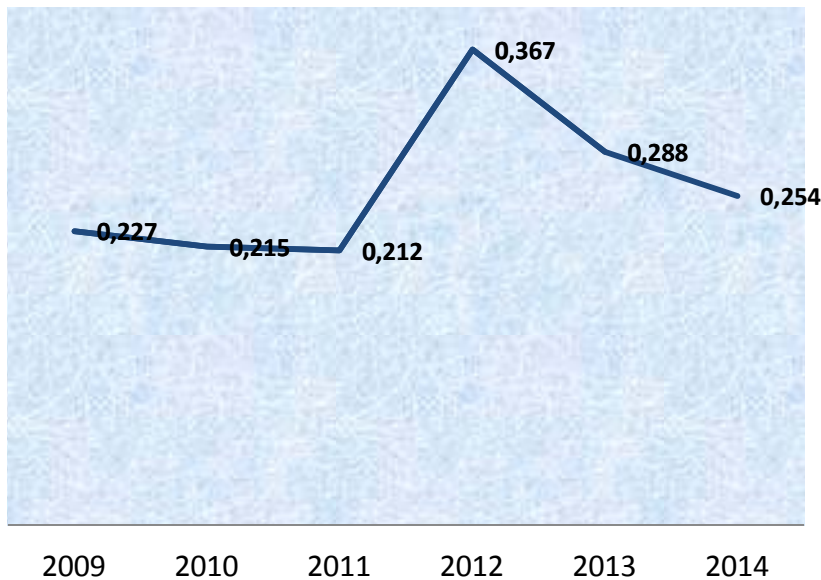
The efforts of the Geodetski vestnik editorial board for its higher visibility and recognition in Slovenia and abroad have produced good results:

Geodetski vestnik is indexed in WOS and it is cited by high ranked (JCR) international journals.

GV is one among 10 best internationally oriented scientific journals in the field of geodesy (Stojanovski et al. 2015).

BUT: GV & IF

Impact factor (IF) of
Geodetski vestnik
2009-2013



Reasons

- The effects of last efforts (DRUGG, Crossref) are not visible yet.
- Excluding of conference papers in 2013 does not reflect in the IF yet.

Solutions

- + consistent double blind peer-review,
- + including in several information systems,
- + more papers from abroad,
- + open access,
- + involving of information expert,
- + popularisation of journal .

Librarian and his Role

The librarian is the important stakeholder in the editorial board of GV.

As IT expert and expert of scientific communication becomes an important element

- by providing the novelties as regulation, directives,
- by providing the journal's and article's forming regarding to bibliographic equipment,
- by advising of data bases for indexation,
- by promoting of journal.

Librarians in academic and research institutions could contribute with their knowledge and experiences to higher recognition of scientific journals.