# GLOBAL UNIVERSITY RANKINGS AND THEIR IMPACT

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#### **GLOBAL UNIVERSITY RANKINGS AND THEIR IMPACT**

#### Introduction

- University rankings help national and University data collection
- •However, the results of global rankings depend strongly on the choice of indicators and weights.
- Rankings prefer some areas: research. teaching, sciences, humanities, English language. others

# What is webometrics?

□ Webometrics is collection data on the Web, and measuring face of the Web: □ web sites □ web pages □ hyperlinks □ web search engine results □ YouTube video commenter networks

### The Integrated Online Impact

Indicator (IOI)

Combines a range of online sources into one indicator

- ❖Google Scholar +
- ❖Google Books +
- Course reading lists +

Google Blogs +

Educational impact, public, academic impact in subjects?

#### **World Rankings**

CRITERIA	WR (webometrics)		ARWU (Shanghai		HEEACT (Taiwan)		THES (Times/QS)		
Univ's Analyzed	13500		3000		3500		2000		
Univ's Ranked	5000+		500		500		566		
Quality of Education			Alumni Nobel&Field	10%			Students/staff ratio	20%	
Internazionalization							Int'l Students	5%	
internazionalization							Int'l Staff	5%	
Size	Web Size	10%	Size of Institution	10%					
Research Output	Rich Files	20%	Nature & Science	20%	Research Productivity	200/			
	(Google) Scholar	20%	SCI & SSCI	20%	nesedicii Productivity 2				
Impact	(Link) Visibility	50%	Highly Cited Res'ers	20%	Research Impact	30%	Citations	20%	
Prestige			Staff Nobel&Field	200/	Research Excellence	50%	Academic Reputation	40%	
			Stati Nobel&Fleid	ZU70	kesearch Excellence	50%	Reputation Empl'ers	10%	

### Webometrics Ranking of World Universities

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Data			1	Top 4000 l	Jniversities	5								
Top 4000 Universities	WORLD							TION						
Premier League	RANK	<u>u</u>	JNIVERSITY	8)	COUNTR	Y SIZE \	VISIBILITY	FILES	SCHOLAF	8				
Top USA & Canada	1	STANFORD UNI	VERSITY		-	4	1	1	10					
Top Latin America	_	MASSACHUSET	TS INSTITUT	TE OF			_		_	23				
Top Europe	2	TECHNOLOGY				5	2	3	9	21				
Top Asia	3	UNIVERSITY OF	FCALIFORNI	IA BERKELEY		2	3	2	17					
Top Middle East	4	HARVARD UNIV	EDEITY			3	4	19	1					
Top Oceania		HARVARD ONLY	EKSITT					15		-				
Top Africa	5	PENNSYLVANIA	STATE UNIV	ERSITY		1	6	11	8					
Distribution by Country	6	UNIVERSITY OF				То	p 500 Eu	ropea	n Unive	rsities	;			
Top 1000 R&D Institutes	7	CORNELL UNIVE	RAN	KING			•	•				D.C.	SITION	
Research Councils		CONNECT ONLY		WORLD		UN	IVERSITY		(	OUNTR	Y SIZE		RICH FILES	
Best Practices	8	UNIVERSITY OF											FILES	
	9	UNIVERSITY OF	1	21	UNIVERSI	TY OF	CAMBRID	3E		**	16	25	62	77
Catalogue	10	UNIVERSITY OF		40	UNIVERSI	TY OF	OXEORD			*	59	40	44	93
Universities by country		UNIVERSITY OF												
R&D Centres by country	11	CHAMPAIGN	3	41 .	SWISS FE		INSTITUT	E OF		+	13	71	57	51
Comparative Analysis	12	UNIVERSITY OF				0. 20.								
Productivity	13	CARNEGIE MELL	4	44	UNIVERSI	TY OF	HELSINKI			+	45	65	28	65
Visibility	14	UNIVERSITY OF	5	45	UNIVERSI	TY OF	EDINBURG	ВH		$\mathbb{H}$	63	59	53	41
Impact	15	COLUMBIA UNI	6	46	UNIVERSI	TV OF	0810				41	58	24	137
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	16	TEXAS A&M UNI	7	55	UNIVERSI	TY CO	LLEGE LON	DON		**	109	48	83	113
Information	17	UNIVERSITY OF	8	62	LINKODIN	G LINE	/EDCITY				25	98	107	114
Methodology	18	VIRGINIA POLY	1	02	LINKOPIN	G UNIV	ENSIT				25	70	107	114
Glossary	10	STATE UNIVERSI	9	64	UNIVERSI	TAT TE	RIER				28	39	419	72
Blog	19	UNIVERSITY OF		67	LINITYSPICE	TAT 161	TEN				E0.		05	100
Links	20	UNIVERSITY OF	10 CALIFORNI	67 IA LOS ANGE	UNIVERSI	42 42	1EN 20	29	59	_	50	88	85	180
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Site Map	21	UNIVERSITY OF	FCAMBRIDG	SE		16	25	62	77					

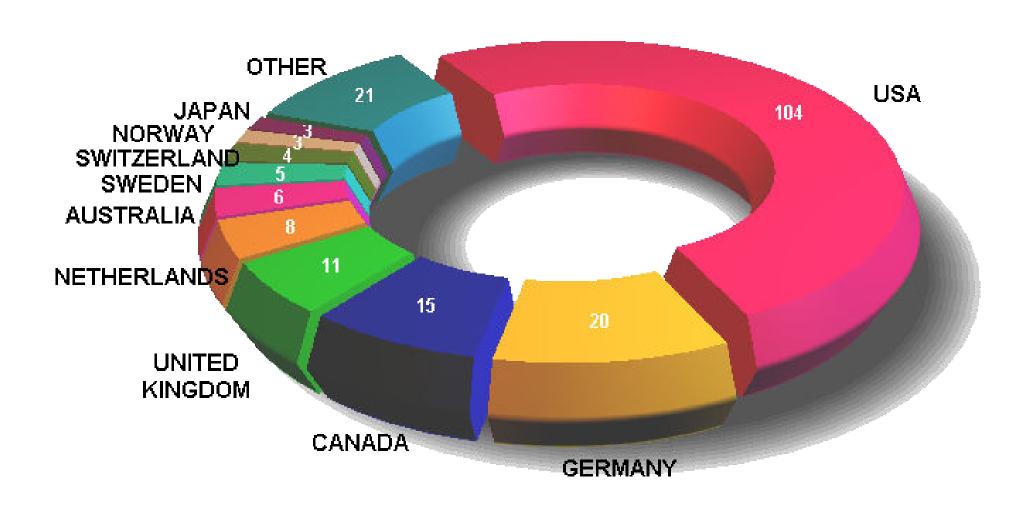
#### **Building Models**

#### AN ACADEMIC MODEL

Activity (50%) Rich files Scholar Size Number of Number of Number of Webpages documents papers

Impact (50%) Visibility Number of external inlinks Virtual referendum

#### UNIVERSITIES BY COUNTRY



**Top 200 universities in the Webometrics Ranking (July 2007)** 

# National University Ranking – KRG

## National University Ranking - KRG

**National University Ranking - KRG** The Ministry of Higher Education and Scientific Research (MHE) in Kurdistan region (KRG) of the F.R-Iraq started launching the National University Ranking (NUR) system, in June 2015, for all Universities of KRG.

#### **National University Ranking - KRG**

NUR provides the definitive list of the KRG best universities. The data are trusted by the government and universities. They are a vital resource for public, academics and students as well helping them choose where to study.

# The NUR-KRG:□Is a comparison tool between the KRG Universities. □Is also to measure how the University vision meets the MHE vision at KRG. □Can rank the most effective criteria among the universities in KRG.

### National University Ranking - KRG

The following three majors are evaluated by NUR;

- University Evaluation
- Academic Evaluation
- ❖ Various levels of Research Evaluation

The above includes evaluation of teaching, research, international outlook, green area space, student accommodation space and more.

The goal is to determine if a university passes the assessment, meaning it has achieved at or surpassed a basic level of requirements that set by the MHE-vision

#### **NUR Criteria/Weight**

With NUR the universities in KRG are ranked according to a particular set of criteria and assigned specific weights;

Academic Staff (12%)

Scientific Research (43%)

International Activities (5%)

Student Satisfaction (3%)

Quality (22%)

Cultural and Community Activities (7%)

Library (5%)

Alumni and Private Sector Placement (3%)

The total weight is (100%).

# Why NUR

- ☐ Assisting the universities in KRG to update/modify their vision to meet the MHE vision.
- ☐ Assisting the universities in KRG to adapt the culture of international ranking.
- ☐ Assisting the universities in KRG to market themselves.
- ☐ Assisting the universities in KRG to improve their presence in different international ranking.

# Ranking 2015

**State Universities** 

Group (A)

•None

Group (B)

Koya University

Salahaddin University

Soran University

•Sulaimani University

Zakho University

Group (C)

Duhok University

•Garmyan University

•Hawler Medical University

•Raperine University

Group (D)

•Charmo University

Duhok Polytechnic University

•Erbil Polytechnic University

•Halbja University

**Private Universities** 

Group (A)

•None

Group (B)

American University in Sulaimani

•Cihan University in Sulaimani

•Human Development University

Group (C)

•Cihan University in Hawler

•Ishik University

•Komar University

•Newroz University

Group (D)

•Bayan University

•Cihan Duhok University

•Hayat University

•Lebanese-French University University

•SABIS University

# NUR 2016

Group A	Group B
	Soran University     Koya University     Sulaimani University     Hawler Medical University     Duhok University     Salahaddin University
Group C	Group D
Zakho University     Charmo University     Halabja University     Raparin University     Sulaimani Polytechnic University	Garmian University     Duhok Polytechnic University     Erbil Polytechnic University

#### NUR Results of the Edition-2016 for the Private Universities

Group A	Group B
	<ol> <li>University of Human Development</li> <li>American University of Iraq - Sulaimani</li> <li>Lebanese-French University</li> <li>ISHIK University</li> </ol>
Group C	Group D
Cihan-Hawler University     Cihan-Sulaimani University     Komar University	1. Nawroz University 2. University of Erbil 3. Cihan-Dohuk University 4. Bayan University
	<ol><li>American University of Kurdistan</li><li>Hayat University</li></ol>

	NUR Criteria and Weights (2017)			
	I. Academic Staff			
	Criteria	Weight%	S Weight%	D Wei
1.1	Student/Ancademic staff ratio	4	4	
1.2	Studenti Professor ratio	2		2
1.3	Student/Assistant Professor ratio	1		2
1.4	Achievement of national international scientific prizes, mediats and awards  Holding training courses	2		1 2
1.6	Today saving source saving sou	1		1
		12	4	8
	II. Scientific Research			
	Criteria	Weight%	S Weight%	D Weig
II.1	Journals Issued by the University	2		2
II.2	Cournals Issued by the Liniversity and listed by Thomson Reuters	1		1
II.3	Total Impact Factor of Journal publications listed in Thomson Reuters	14		14
II.4	Number of Publications Listed in Thomoson Reuters and SCOPUS	10		10
II.5	Number of journal publications (Articles) without indexing (DOI is computatory)	7		7
II.6	Number of Patents	1		1
II.7	Google Scholar Citation	3		3
II.8	Noting and sponsoring National workshops, conferences and symposium	1		1
II.9	Nosting and sponsoring Regional/International workshops, conferences and symposium  Number of scientific books published and orinted without peer-review	2		2
II.10 II.11	Number of scientific books published and printed without peer review  Number of scientific books published by famous scientific bodies with peer review	1	<del>                                     </del>	1
11.11	Number of scientific books purposed by lamboal scientific books with peer-tenew	43	0	43
	III. International Activities	45	, v	43
	Criteria	Weight%	S Weight%	D Weig
III.1	Number of international students at the University	1	J Weight.	1
III.2	Number of international learning-staff at the University	1		1
III.3	Number of Exchanges international students at the University	1		1
III.4	Number of Exchanges international teaching staff at the University	1		1
III.5	Holding joint work and projects with international universities and scientific bodes	1		1
		5	0	5
	IV. Student Satisfaction			
	Criteria	Weight%	S Weight%	D Weig
IV.1	Criteria Student Salafaction	3	0	3
IV.1	Student Satisfaction			3
IV.1	Student Satisfaction  V. Quality	3 3	0	3
	Student Satisfaction  V. Quality Criteria	3 3 Weight%	0 0 S Weight%	3
V.1	Student Salsdaction  V. Quality  Criteria  Classroom space	3 3 Weight% 1	0 0 S Weight%	3
V.1 V.2	Student Salarfaction  V. Quality  Criteria  Classroom space Accomodation space	3 3 Weights 1	0 0 \$ Weight% 1	3
V.1 V.2 V.3	Student Sasisfaction  V. Quality  Criteria  Classroom space Accompdation space Green area and University park	3 3 Weight% 1 1 1	0 0 S Weight% 1 1	3
V.1 V.2 V.3 V.4	Student Salafacion  V. Quality  Criteria  Casaroom space Accomodation space Geen area and University park. Space for sports activities in (sq meter)	3 3 Weight% 1 1 1	0 0 \$ Weight% 1	3 3 D Weig
V.1 V.2 V.3	Student Salafaction  V. Quality  Criteria  Criteria  Accomodation space Accomodation space Geen area and University park Space for sports activities in (sq meter) University web presence	3 3 Weight% 1 1 1	0 0 S Weight% 1 1	3 3 D Weig
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V.1 V.2 V.3 V.4 V.5 V.6 V.7	Suckers Saskafacion  V. Quality  Citaria  Citari	3  Weights  1  1  1  1  5  2  11  22  Weights  1  1  3	S Weight%  1  1  1  1  S Weight%	3 Dweig  5 2 11 18 Dweig 1 1 1 1 3
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