IAU Performance in GREENMETRIC World University Ranking REPORT 2019

CERTIFICATE

This certificate is awarded to

Imam Abdulrahman Bin Faisal University

as The 441st World's Most Sustainable University
in 2019 UI GreenMetric World University Rankings

Jakarta, December 3, 2019

Prof. Dr. Ir. Muhammad Anis. M. Met

Rector of Universitas Indonesia

Prof. Riri Fitri Sari, M.M., M.Sc

Chairperson of UI GreenMetric
World University Rankings

IAU Position & Scores in 2019 GreenMetric Ranking

POSITIONS			Universities	SCORES						
SAUDI	ARAB	WORLD		Setting & Infrastructure	Energy & Climate Change	Waste	Water	Transport ation	Education & Research	Total Score
1	1	44	**King Abdulaziz University**	1050	1675	1575	800	1275	1325	7700
2	7	138	**Princess Nourah University**	1025	1200	1200	950	1225	900	6500
3	22	342	**Qassim University**	750	600	900	950	1125	925	5250
4	29	441	**IAU**	525	950	900	850	575	875	4675
5	36	524	**University of Jeddah**	825	925	600	625	700	600	4275
6	55	695	**Prince Sattam bin Abdulaziz University**	525	650	0	500	875	225	2775

Saudi	Arab World	World
4	29	441

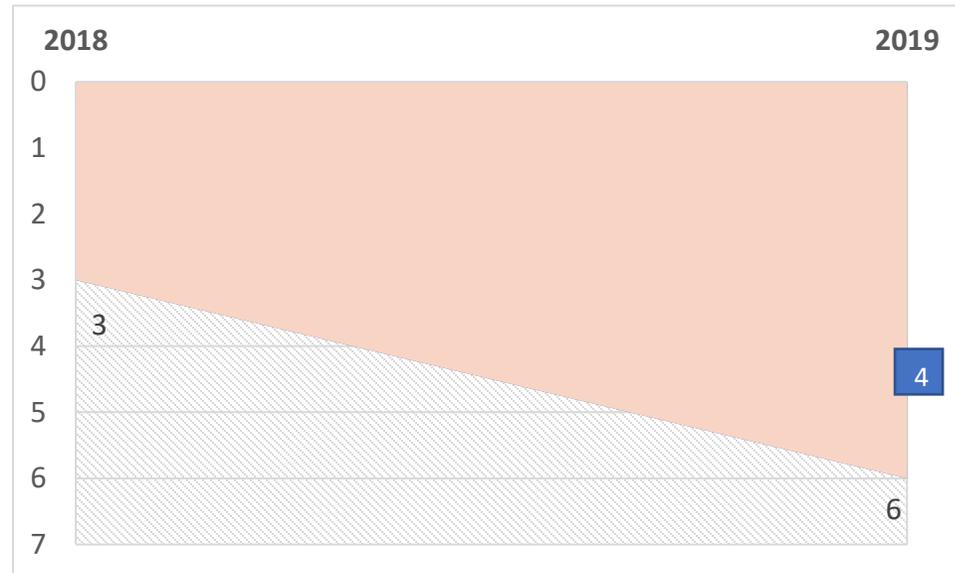# IAU Results Summary, 2019

World Ranking	SI Ranking	EC Ranking	WS Ranking
441	588	393	397
	WR Ranking	TR Ranking	ED Ranking
	72	654	472

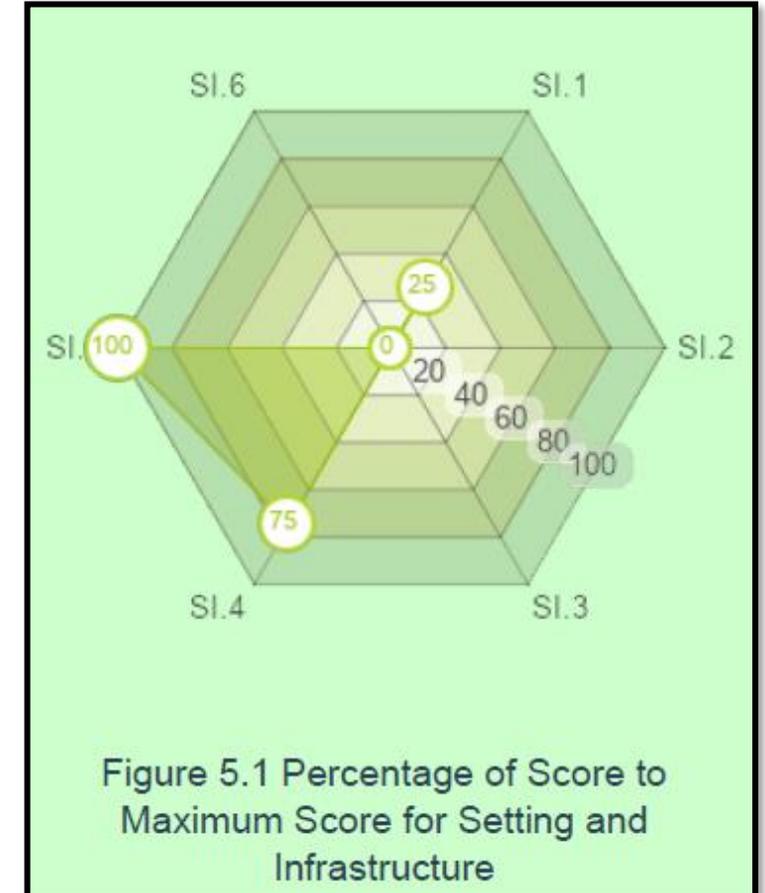| Country Ranking	SI Ranking	EC Ranking	WS Ranking
4	5	3	4
	WR Ranking	TR Ranking	ED Ranking
	3	6	4

IAU's Ranking position

Ranking Categories with Scores and Weights

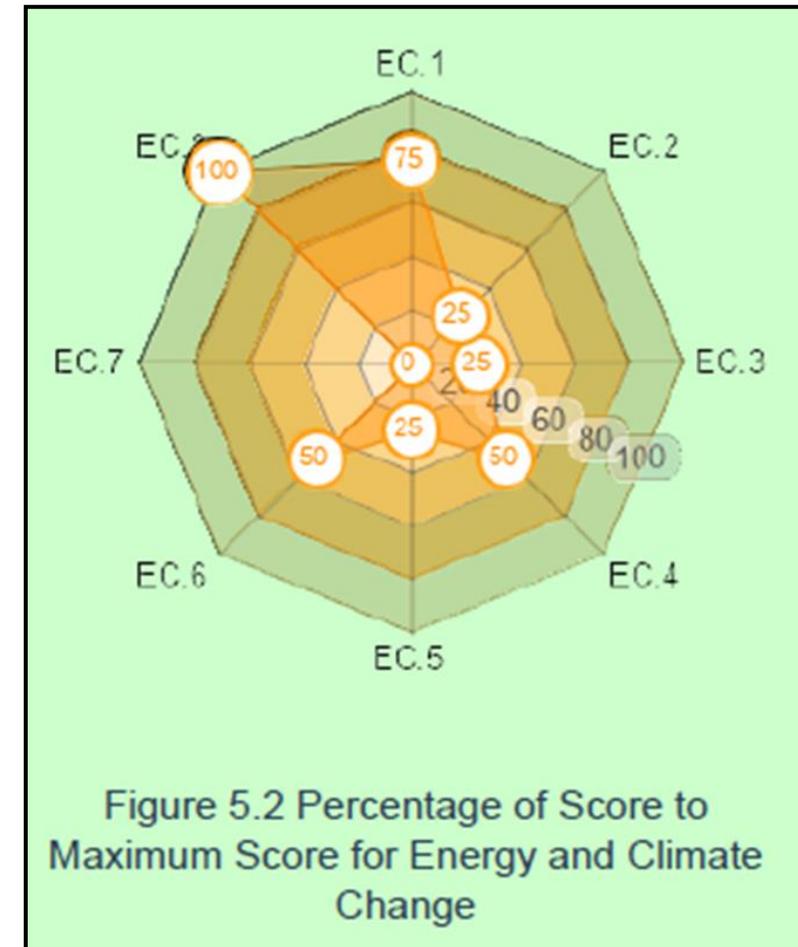| #	Category	Category-wise scores	Scored by IAU	Categories Total Score	IAU Total Score	% of Point to Maximum Point
1	Setting and Infrastructure (SI)	15	5	1500	525	35%
2	Energy & Climate Change (EC)	21	10	2100	950	45%
3	Waste (WS)	18	9	1800	900	50%
4	Water (WR)	10	9	1000	850	85%
5	Transportation (TR)	18	6	1800	575	32%
6	Education (ED)	18	9	1800	875	49%
	TOTAL	100	48	10000	4675	-

1- Setting and Infrastructure (SI): IAU Performance

#	Category	Category-wise scores	Scored by IAU	Categories Total Score	IAU Total Score	% of Point To Maximum point
1	Setting & Infrastructure	15	5.25	1500	525	35
SI.1	The ratio of open space area towards total area	3	0.75	300	75	25
SI.2	Area on campus covered in forest	2	0	200	0	0
SI.3	Area on campus covered in planted vegetation	3	0	300	0	0
SI.4	Area on campus for water absorbance	2	1.5	200	150	75
SI.5	The ratio of open space area divided campus population	3	3	300	300	100
SI.6	University budget for sustainability effort	2	0	200	0	0

Figure 5.1 Percentage of Score to Maximum Score for Setting and Infrastructure
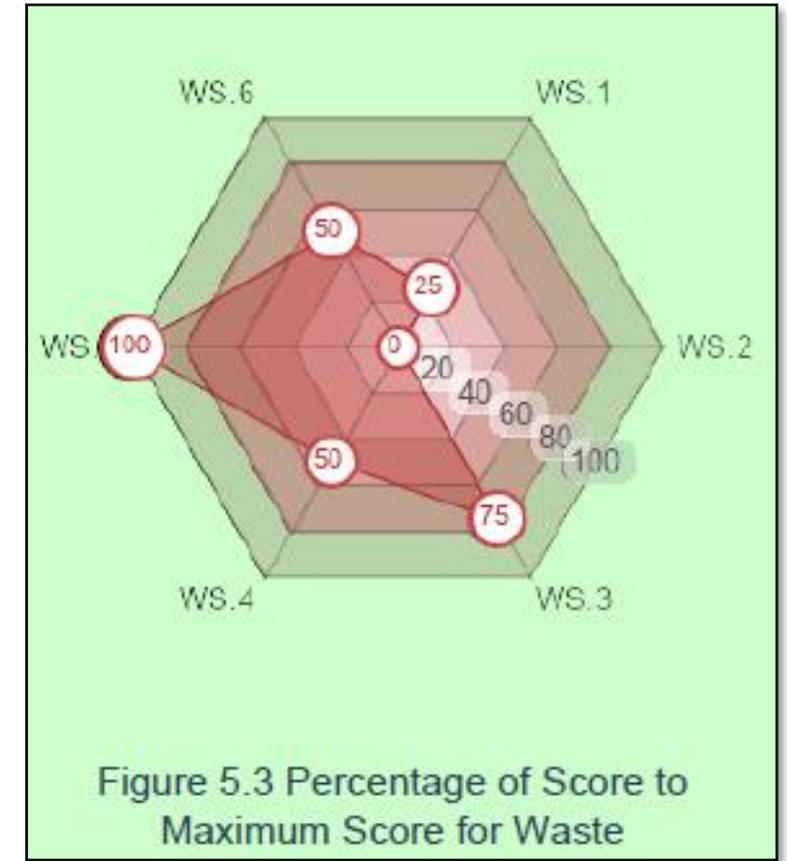
2. Energy & Climate Change (EC): IAU Performance

#	Category	Category-wise scores	Scored by IAU	Categories Total Score	Total score by IAU	% Point To Maximum point
2	**Energy & Climate Change**	**21**	**9.5**	**2100**	**950**	**45**
EC.1	Energy efficient appliances usage	2	1.5	200	150	**75**
EC.2	Smart building program implementation	3	0.75	300	75	**25**
EC.3	Number of renewable energy source in campus	3	0.75	300	75	**25**
EC.4	The total electricity usage divided by total campus population	3	1.5	300	150	**50**
EC.5	The ratio of renewable energy production towards total energy usage per year	2	0.5	200	50	**25**
EC.6	Element of green building implementation	3	1.5	300	150	**50**
EC.7	Greenhouse gas emission reduction program	2	0	200	0	0
EC.8	The ratio of total carbon footprint divided campus population	3	3	300	300	**100**

Figure 5.2 Percentage of Score to Maximum Score for Energy and Climate Change

3- Waste (WS): IAU Performance

#	Category	Category-wise scores	IAU Scored	Categories Total	Total score by IAU	% Point To Maximum point
3	**Waste**	**18**	**9**	**1800**	**900**	**50**
WS.1	Recycling program for university waste	**3**	0.75	300	75	25
WS.2	Program to reduce the use of paper and plastic in campus	**3**	0	300	0	0
WS.3	Organic waste treatment	**3**	2.25	300	225	75
WS.4	Inorganic waste treatment	**3**	1.5	300	150	50
WS.5	Toxic waste treatment	**3**	3	300	300	100
WS.6	Sewerage disposal	**3**	1.5	300	150	50

Figure 5.3 Percentage of Score to Maximum Score for Waste

4- Water (WR): IAU Performance

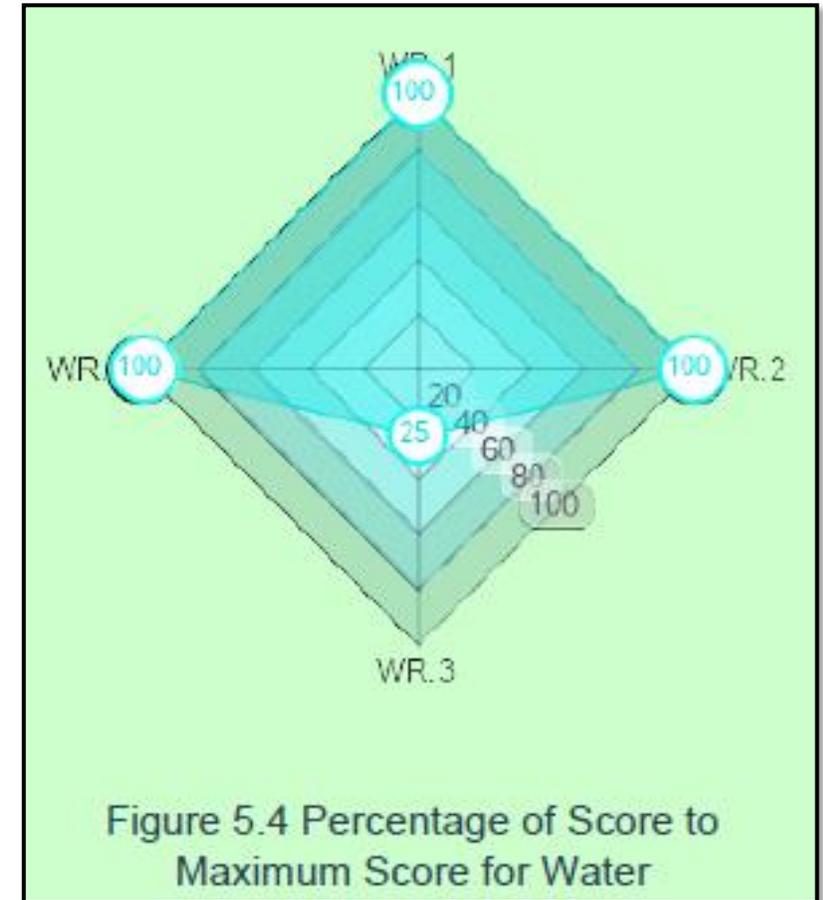| #	Category	Category-wise scores	IAU Scored	Categories Total	IAU Total score	% Point To Maximum point
4	**Water**	**10**	**8.5**	**1000**	**850**	**85**
WR.1	Water conservation program	3	3	300	300	100
WR.2	Water recycling program	3	3	300	300	100
WR.3	The use of water efficient appliances	2	0.5	200	50	25
WR.4	Piped water consumed	2	2	200	200	100

Figure 5.4 Percentage of Score to Maximum Score for Water

5- Transportation: IAU Performance

#	Category	Category-wise scores	IAU Scored	Categories Total	IAU Total score	% Point To Maximum point
5	**Transportation**	**18**	**5.75**	**1800**	**575**	**32**
TR.1	The ratio of total vehicles (cars and motorcycles) divided by total campus population	2	0.5	200	50	**25**
TR.2	Shuttle services	3	1.5	300	150	**50**
TR.3	Zero Emission Vehicles (ZEV) policy on campus	2	0	200	0	0
TR.4	The ratio of Zero Emission Vehicles (ZEV) divided by total campus population	2	0	200	0	0
TR.5	Ratio of parking area to total campus area	2	1	200	100	**50**
TR.6	Transportation program designed to limit or decrease the parking area on campus for the last 3 years	2	0	200	0	0
TR.7	No. of transportation initiatives to decrease private vehicles on campus	2	0.5	200	50	**25**
TR.8	Pedestrian policy on campus	3	2.25	300	225	**75**

Figure 5.5 Percentage of Score to Maximum Score for Transportation

6- Education (ED): IAU Performance

#	Category	Category-wise scores	IAU Scored	Categories Total	IAU Total score	% Point To Maximum point
6	Education	18	8.75	1800	875	49
ED.1	The ratio of sustainability courses towards total courses/modules	3	0.75	300	75	25
ED.2	The ratio of sustainability research funding towards total research funding	3	2.25	300	225	75
ED.3	Sustainability publications	3	2.25	300	225	75
ED.4	Sustainability events	3	0.75	300	75	25
ED.5	Sustainability student organizations	3	0.75	300	75	25
ED.6	Sustainability websites	2	2	200	200	100
ED.7	Sustainability report	1	0	100	0	0

Figure 5.6 Percentage of Score to Maximum Score for Education