

# Publications Statistics

Dec. 31, 2019

This document gives an overview of the statistics of published journal papers, research project funds and patents applied by the college of engineering at Imam Abdulrahman Bin Faisal University over a span of five years (2015-2019). A total of (397) scientific papers were published in this focus range, 77% of which were published in Web of Science (WOS) or Scopus indexed journals. There is a clear trend of increasing in the publications in scientific journals indexed in Web of Science and/or Scopus. Hence, it is evident that the college of engineering has a great potential for further development.

## 1. Total Number of Papers

Figure (1) summarizes the total number of published journal papers indexed in Web of Science (WOS) or Scopus and Non-WOS-indexed journals by faculty members of the College of Engineering (COE) starting from 2015 until December 2019.

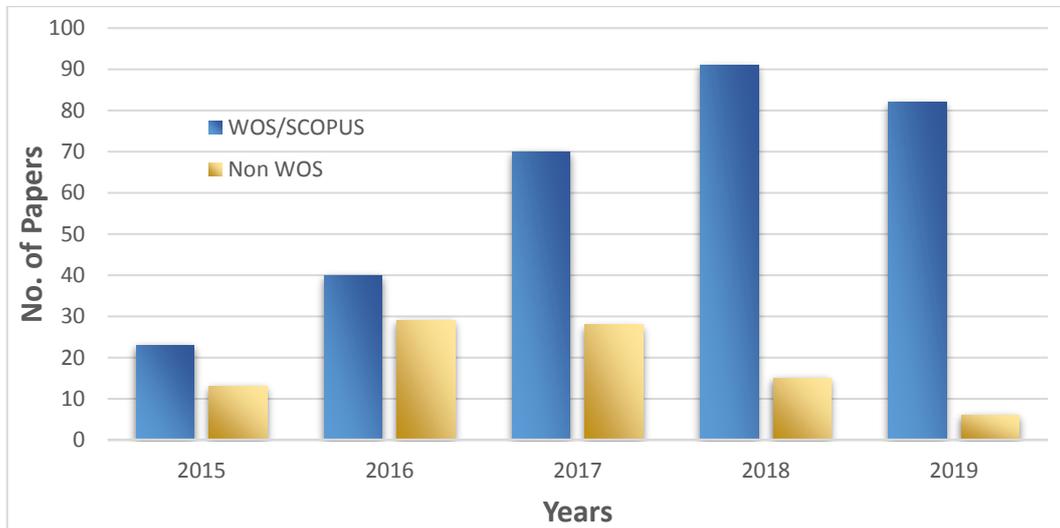


Fig. 1: Total number of journal papers of the college of engineering versus the year of publishing.

## 2. Total Number of Patents

The college of engineering had applied for eight (8) patents and granted six (16) patents in the period of 2015 to December 2019. Figure (2) indicates the contribution of each department.

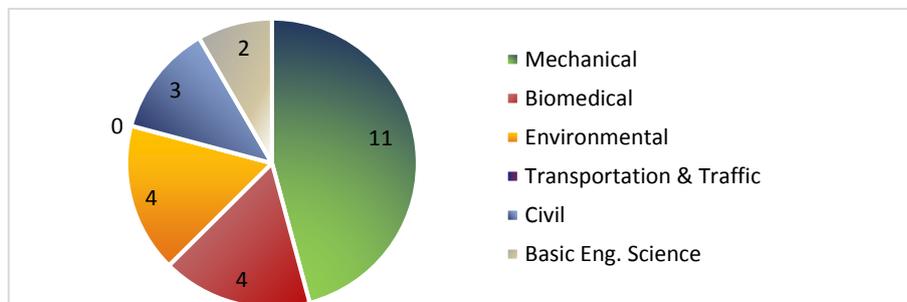


Fig. 2: No. of Patents (Granted and Under processing).

### 3. Number of Papers per Department

Figure (3) shows the number of published journal papers indexed in Web of Science (WOS) or Scopus for College of Engineering (COE) departments starting from 2015 until December 2019.

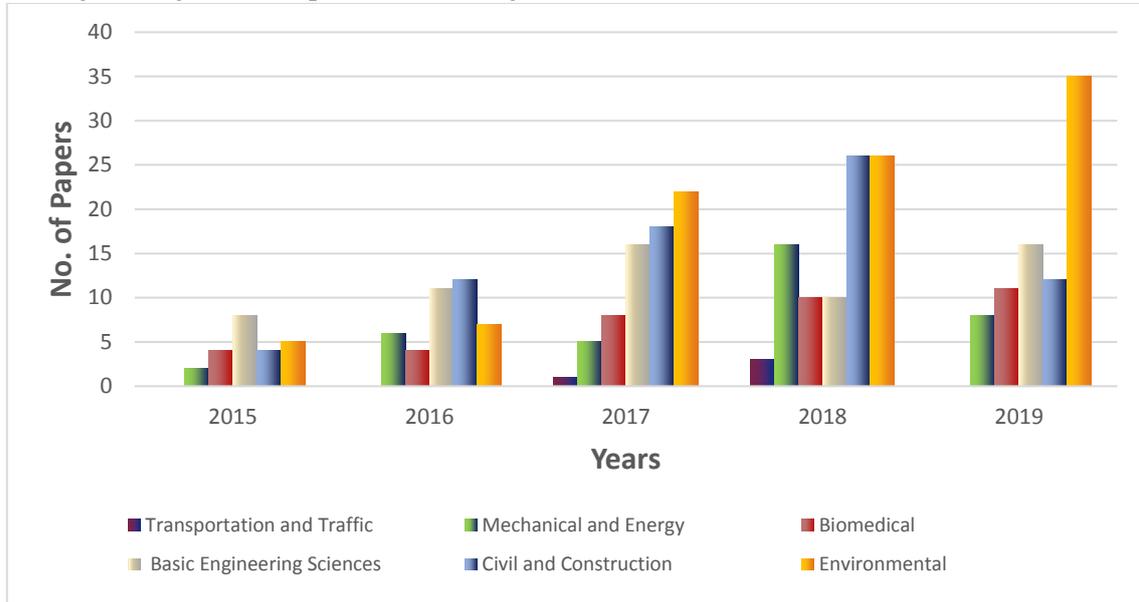


Fig. 3: Total WOS/Scopus department publications.

Figure (4) represents the number of published journal papers in Non-WOS indexed journals for college of engineering departments starting from 2015 until December 2019.

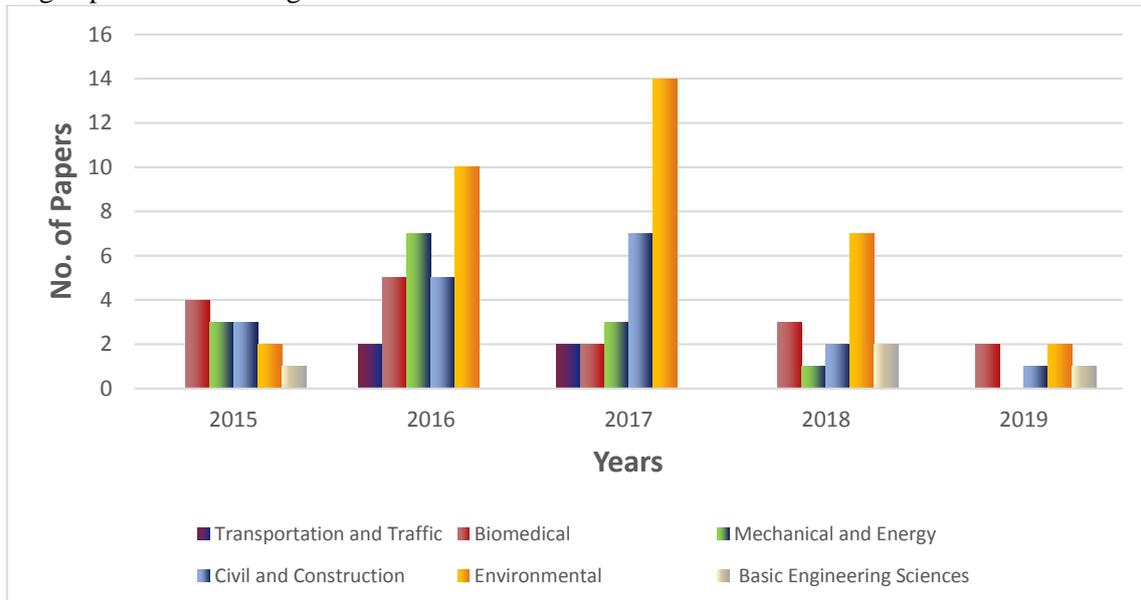


Fig. 4: Total Non-WOS department publications.

## 4. Departments Publications

Figure (5) illustrates the number of published papers in WOS or Scopus indexed journals divided by the number of faculty members in the respective department over the years of 2015 to December 2019.

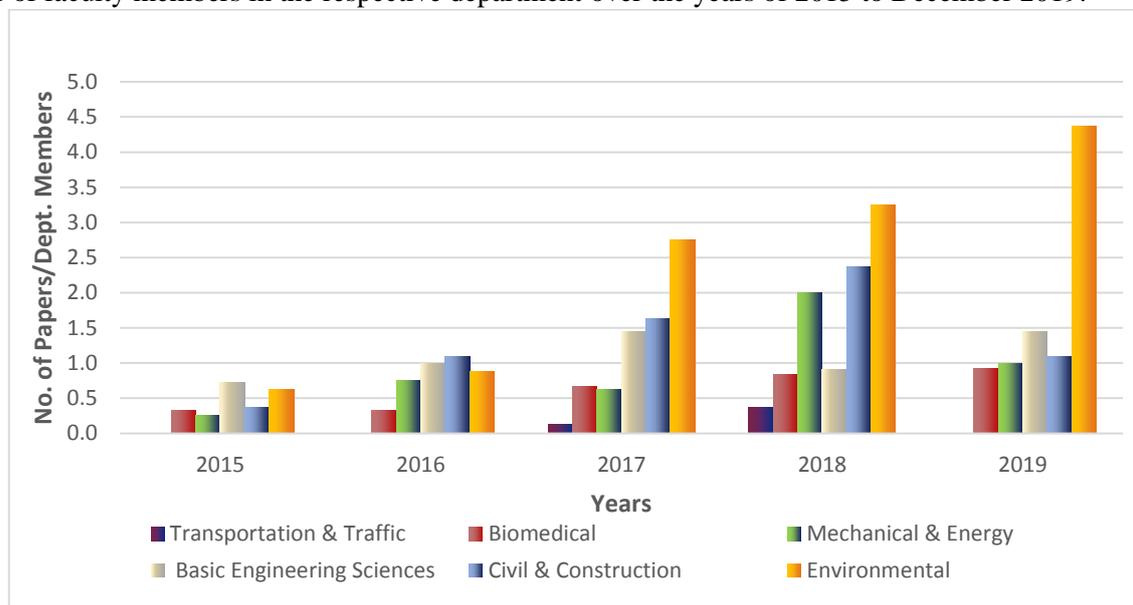


Fig. 5: WOS/Scopus department publications per the number of faculty members in each department.

## 5. Active Faculty Members

The active members in each department in research activates for the focus period (2015-2019) are listed below.

### Environmental Engineering: (100% of the department)

- Dr. Nawaf Isam Blaisi
- Prof. Omer AGA
- Prof. Isam Mohmmmed Abdel-Magid Ahmed
- Dr. Habis Al-Zoubi
- Dr. Ismail Anil
- Dr. Nuhu Mu'azu
- Dr. Cevat Yaman
- Dr. Hisham I. M. Abdel-Magid
- Mr. Mohammad Hisham Barghouthi
- Eng. Mukarram Zubair
- Eng. Mohammad Saood Manzer
- Eng. Iehab Mohamed
- Mr. Goulrazi Khan
- Eng. Ayse Burcu Yaman
- Mohammed Abdul Aleem Qureshi

### Basic Sciences and Humanities: (100% of the department)

- Dr. Abdullah Manda
- Dr. Tarek Said Kayed
- Dr. Zeyad Al-Zhour
- Dr. Shamsuddeen A Haladu
- Dr. Khaled Elsayed

- Dr. Loay Awad
- Dr. Mutaz Al-Sabbagh
- Dr. Shadi Salim
- Dr. Mohammed Kassim
- Dr. Deena Ababneh
- Dr. Saeed Ali

**Mechanical and Energy Engineering: (88% of the department)**

- Dr. Fahad G. Al-Amri
- Dr. Muhammad Saleem
- Dr. Muhammad Umer
- Dr. Amr Owes Elsayed
- Dr. Farooq Saeed
- Dr. Taher Saleh Maatallah
- Dr. NagmEldeen A M Hassanain
- Eng. Sadaqat Ali
- Eng. Muhammad Abid
- Sajid Ali
- Eng. Tasneem Abdel-Magid

**Civil and Construction Engineering: (73% of the department)**

- Dr. Walid Abubaker Al-Kutti
- Dr. Sayed Mahmoud Hussein Abdein
- Dr. Ahmed Salman
- Dr. Mahmoud Sodangi
- Dr. Mostafa El-Shami
- Dr. Zaheer Kazmi
- Dr. A. B. M. Saiful Islam
- Dr. Mohamed Elsharawy
- Eng. Muhammad Nasir
- Fahad Anwar

**Transportation and Traffic Engineering: (67% of the department)**

- Dr. Sami Abdalla Osman
- Dr. Muhammad Abubakar Dalhat

**Biomedical Engineering: (58% of the department)**

- Dr. Abdul-Hakeem AlOmari
- Dr. Ibraheem Al-Naib
- Dr. Gameel Saleh
- Dr. Mahbubunnabi Tamal
- Dr. AbdelAziz Matani
- Dr. Murad Althobaiti
- Dr. Ebtisam Aldaais
- Eng. Kamran Hameed

## 6. Publication Rate of the Active Members

Figure (6) demonstrates the publication rate, which is calculated as the number of published papers of each of the active members per the number of the years since the faculty member joined the college and for the papers with the affiliation of the UOD/IAU.

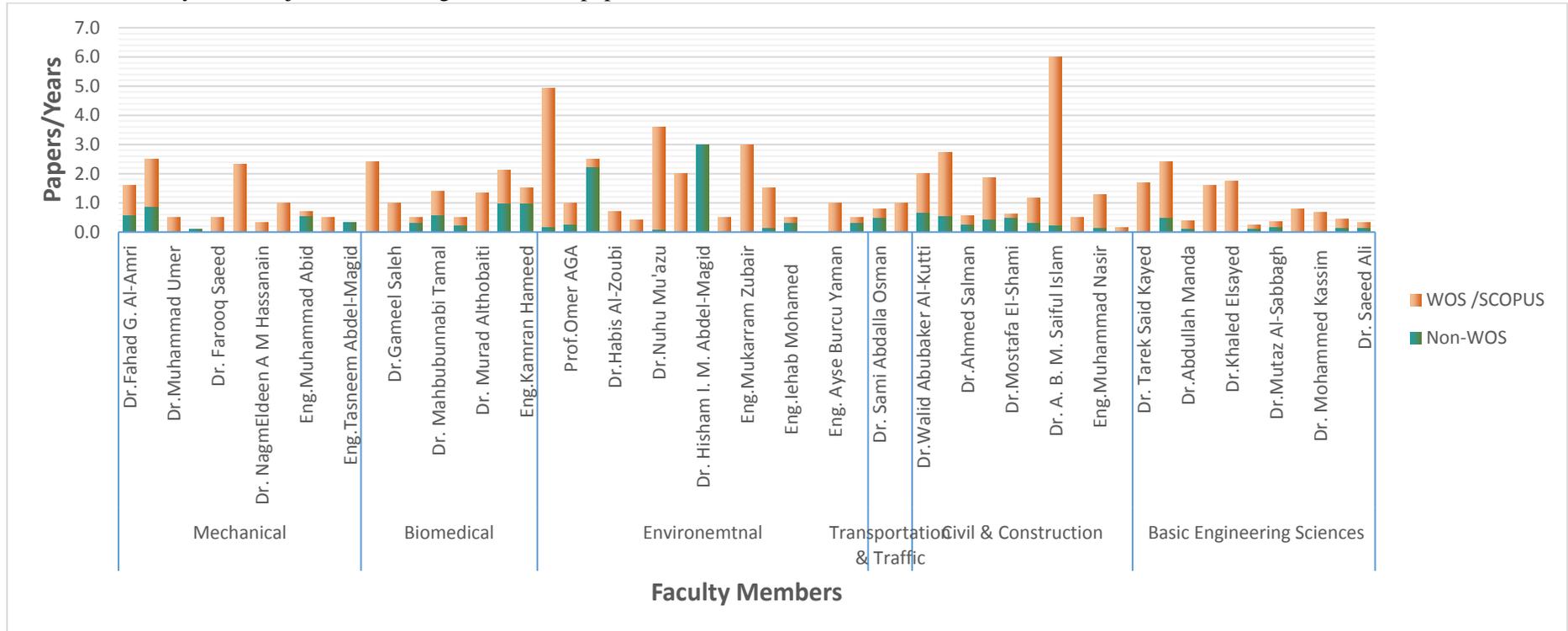


Fig. 6: College of engineering faculty publication rate (WOS/SCOPUS and Non-WOS indexed).

## 7. Faculty Members with Highest WOS Publication Rate

The faculty members with the three highest publication rates of journal papers published in WOS/Scopus with the affiliation of UOD/IAU are listed in table (1).

**Table (1): Highest WOS Publication Rate.**

#	Faculty name	Publication Rate
1	A. B. M. Saiful Islam	5.8
2	N.I. Blaisi	4.8
3	N. Mu'azu	3.5

## 8. Total Research Project Funds

Figure (7) illustrates the accumulative received research fund per year of different departmental projects from external and internal resources. It can be noticed that the average of received fund to the college of engineering over the period of 2015 to December 2019 is 266,780.33 SAR.

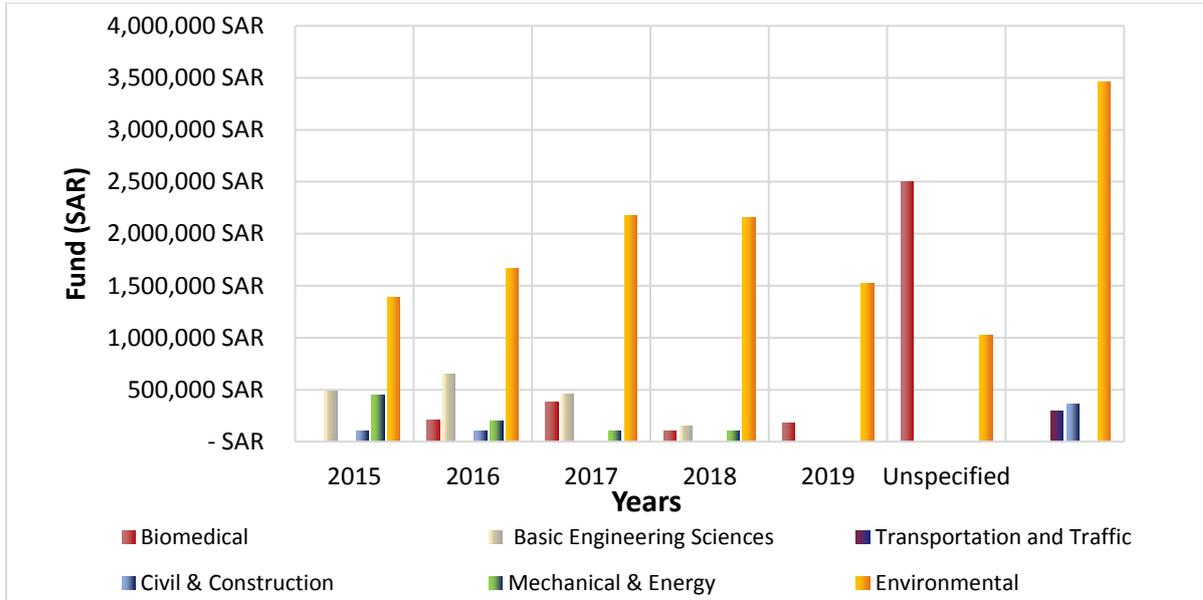


Fig. 7: Received Research Fund/Year for each department.

## 9. Research Groups

Table (2) Lists the formed research groups in the college of engineering. While figure (8) shows the areas of interest for each research group. The blue color indicates the unique areas, while other colors refer to promising collaboration opportunity. The objectives of “Materials Characterization and Laser Technology” and “Sustainability” groups address all research groups interests, therefore they were detailed and mentioned here. It is worth mentioning that inter-departmental collaboration is not highlighted in this figure.

**Table (2): CoE Research Groups.**

<b>Department</b>	<b>Research Group Title</b>
<b>Basic Science &amp; Humanities</b>	Materials Characterization and Laser Technology.
<b>Biomedical</b>	Medical Imaging Systems and Analysis.
	Biosensors and Bioinstrumentation.
	Physiological Modelling and Control.
	Tissue Engineering and Drug Delivery.
<b>Environmental</b>	Solid Waste.
	Water.
	Air Pollution and Control.
	Geomatics & Geographic Information Systems (GIS).
	Sustainability.
<b>Mechanical &amp; Energy</b>	Solar Energy.
	Wind Energy.
	Materials.
	Energy Storage.
<b>Transportation</b>	Transportation Engineering.

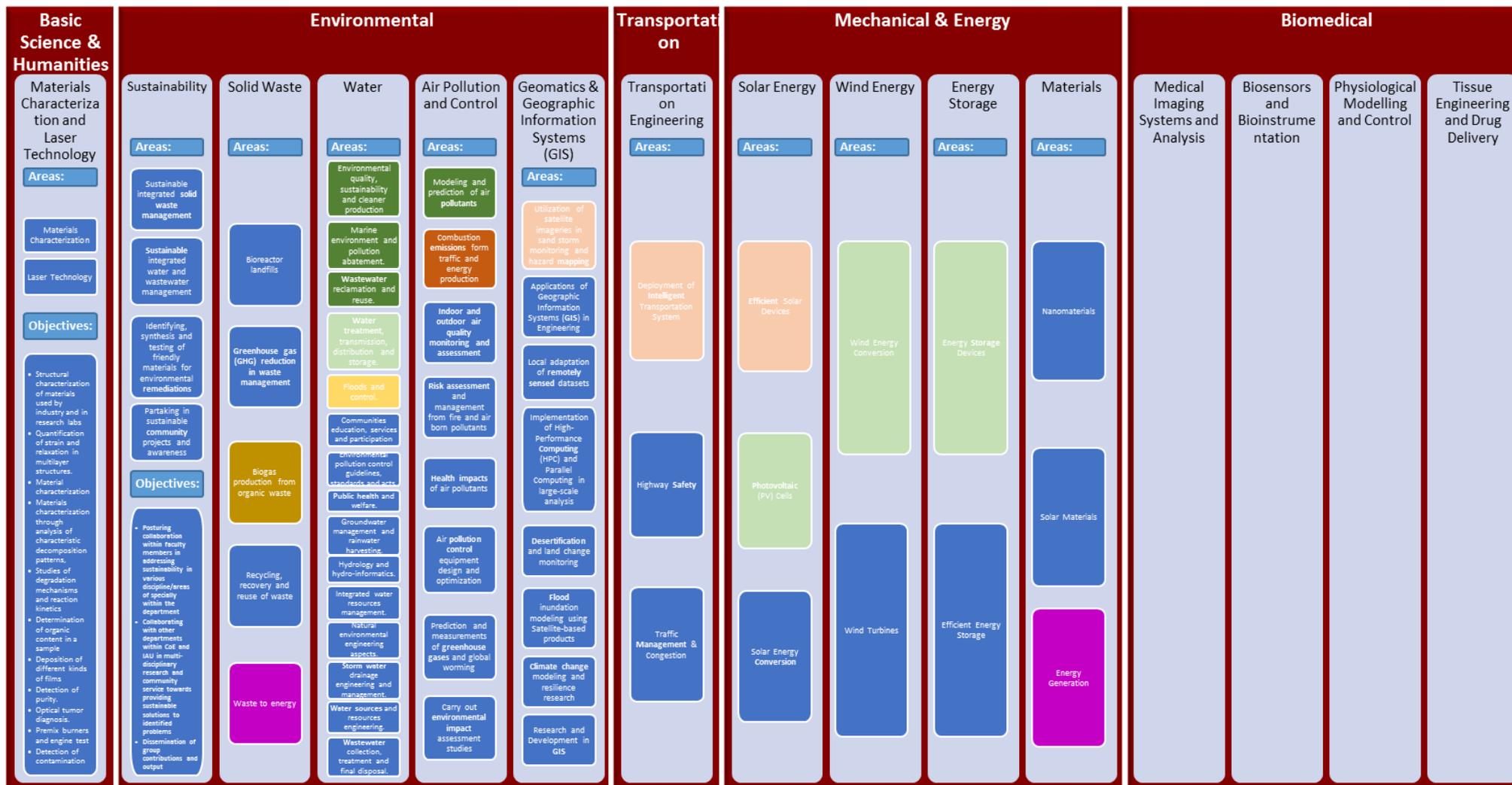


Fig. 8: Collaboration Opportunities for Research Groups.