

Curriculum Vitae

Personal Information

First name(s) / Surname(s) **Mohsin Raza**
Address House # 224, Greens Avenue,
Chak Shahzad,
Islamabad,
PAKISTAN.
Telephone(s) +92 321 82 87 911
E-mail(s) mohsin.raza@comsats.edu.pk | mohsin.ku@gmail.com
Nationality Pakistan
Date of birth 23 April 1983

Career Objective

Seeking a teaching/research position in a dynamic institution that not only provide exponential career-growth, but also facilitates in conducting valuable research in the field of environment and sustainable development.

Work Experience

Name and address of employer **Centre for Climate Research & Development (CCRD) , COMSATS Institute of Information Technology, Islamabad – Pakistan**
Dates **08 July 2015 – PRESENT**
Occupation or position held Assistant Professor
Main activities and responsibilities

- Working on projects of national and international levels related to climate change
- Conducting research in the areas related to climate change including renewable energy and drivers of carbon emissions
- Represent CCRD in events/meetings on climate change at national and international level
- Contribute significantly to the institute research plans

Name and address of employer **Centre for Climate Research & Development (CCRD) , COMSATS Institute of Information Technology, Islamabad – Pakistan**
Dates **02 March 2015 – 07 July 2015**
Occupation or position held Research Associate
Main activities and responsibilities

- Conducting research in the areas related to climate change including renewable energy and air pollution
- Organize events under the banner of CCRD to raise awareness on climate change issue
- Represent CCRD in events/meetings on climate change at national and international level

Previous Work Experiences

Name and address of employer **Institute of Environmental Studies, University of Karachi - Pakistan**
Dates **08 January 2015 – 27 February 2015**
Occupation or position held Co-operative Teacher (Visiting Faculty)
Main activities and responsibilities Main responsibilities include teaching and conducting lab of Chemistry at undergraduate level.

Name and address of employer **Sindh Muslim Law College, Karachi – Pakistan**
Dates **17 January 2014 – 27 February 2015**
Occupation or position held Visiting Professor
Main activities and responsibilities Main responsibilities include teaching course on Natural Science at undergraduate level.

Name and address of employer **Maastricht University - The Netherlands**
 Dates **16 September 2007 – 26 August 2011**
 Occupation or position held Teaching Assistant / PhD Fellow
 Main activities and responsibilities Main responsibilities include – conducting independent research and delivering tutorials in graduate level course on , a. Sustainable Development and Globalization and b. Environmental Change & Society

Name and address of employer **International Centre for Chemical and Biological Sciences (ICCBS), Karachi – Pakistan**
 Dates **01 June 2006 – 30 August 2007**
 Occupation or position held Research Officer
 Main activities and responsibilities Research Officer for the project entitled “Removal of sulphur from fuel and coal by oxidation method”

Education

Dates **July 2012 – July 2015**
 Title of qualification **PhD (Environmental Studies)**
 Principal subjects **Sustainability in the domains of health, climate change and alternative energy in the era of globalization**

This thesis investigates the relationship between globalisation and domains of sustainable development in a measurable form. A better way to study variables in measurable form is done by using indicator analysis. To get an overview of development process of any country in a sustainable way, there is a need to study process through developing indices. In research methodology, firstly, a measure of globalisation is developed using variables that best fit the definitions, secondly, the constructed globalisation index is linked to domains of sustainability using indicators of health, climate change and alternative energy, and in third and last phase alternative projections of the future is developed based on ‘foreseeable’ events. Data analysis performed using statistical software, SPSS. This research work emphasis the role of industrial development that underpins sustainable development and also creates interaction between different sectors of the society. This research also plays an important role in making policies for sustainable development globally that broadens and clarifies the notion of globalisation positively to make it workable from individual to global level. The role of policy choices in shaping the future are highlighted in the scenarios.

This research work has been conducted under supervision of Prof. Dr. Tariq Masood Ali Khan (Director, Institute of Environmental Studies – University of Karachi), Dr. Muhammad Ather Elahi (Assistant Prof., Institute of Business Administration – Karachi), Prof. Dr. Pim Martens (Maastricht University – Netherlands)

Name of organization(s) providing education and training **University of Karachi – Pakistan & Maastricht University - Netherlands**

Dates **01 January 2005 - 31 December 2005**
 Title of qualification **Master of Science**
 Principal subjects Applied Chemistry

Name of organisation providing education and training **University of Karachi**

Dates **01 January 2002 – 31 December 2004**
 Title of qualification awarded **Bachelors of Science (Hons.)**
 Principal subjects Applied Chemistry

Name of organisation providing education and training **University of Karachi**

Professional Courses/Workshops/Trainings

- One day training on fine particle measuring system, testo 380 held at CCRD, CIIT, Islamabad, Pakistan. March 2015
- International Course on 'Integrated Assessment of Global Environmental Change' by SENSE, Putten, Netherlands. November 2008.
- 'Environmental Research in Context' by SENSE Research School, Wageningen, Netherlands. June 2008.
- Training Course on 'Constructing Composite Indicators' organized by OECD at Bratislava, Slovakia. October 2008
- Statistical Analysis Course at Wageningen University, Netherlands. July 2009

Publications

International peer-reviewed journal:

- Martens P, Akin S, Huynen M, **Raza M.** (2010). Is globalization healthy: a statistical indicator analysis of the impacts of globalization on health. *Globalization and Health*, 6:16, 1-14.
- Martens, P. & **Raza, M.** (2010). Is globalisation sustainable? *Sustainability*, 2, 280-293.
- Martens, P. & **Raza, M.** (2009). Globalisation in the 21st century: measuring regional changes in multiple domains. *The Integrated Assessment Journal*, 9(1), 1-18.

Book chapter:

- Martens, P. & **Raza, M.** (2009). The Maastricht Globalization Index: An update. In: Baines, H.V. & Ursah, J.R. (eds.). *Globalization: Understanding, Management and Effects*. Nova Science Publishers, Inc., New York, 279-310.

Working Paper:

- Martens, P. & **Raza, M.** (2008). An updated Maastricht Globalisation Index (ICIS Working Paper No. 08020). Maastricht University

Skills

- Microsoft Office
- SPSS
- Arc View GIS