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## CURRICULUM VITAE

*Dr. Zafar Farooqui*  
*Assistant Professor of Zoology*



*Ph.D*  
*Marine Science*

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### CORRESPONDING ADDRESS

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USMAN ARCADE (Near Yousuf Plaza)  
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### EDUCATION

- Ph.D Marine Science, University of Karachi, Institute of Marine Sciences, University of Karachi. **2013**
- M.Sc (Zoology) with specialization in Marine Zoology, **1994**
- B.Sc (Honours), Zoology, from University of Karachi **1992**

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### RESEARCH EXPERIENCE FELLOWSHIPS, HONOURS AND AWARDS

Higher Education Commission's Ph.D Indigenous scholarship 2004-2009  
(300 Scholars programme)

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### RESEARCH EXPERIENCE

- Ph.D Indigenous scholarship 2004-2009
- Higher Education Commission's Ph.D Indigenous scholarship 2004-2009
- Still engage in Research with faculties at CEMB, Karachi University, **since 2009**

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### RESEARCH INTERESTS

**Mangroves Ecology, Nutrients dynamics and coastal processes**

## **TEACHING EXPERIENCE**

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- Teaching Biology to the Higher Secondary and B.Sc in College since **1997**
- Examiner for HSC and B.Sc Examination since 1997 (both theory and laboratory examination)
- Deputy Head Examiner for HSC Pat I for 2014-2015 Annual Examination

## **PROFESSIONAL POSITION**

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Education and Literacy Department, Government of Sindh

**LECTURER**

**1997 to 2011**

**ASSISTANT PROFESSOR**

**2011 till PRESENT**

ASSISTANT PROFESSOR of ZOOLOGY in Education and Literacy Department, Government of Sindh, Pakistan.

DEPARTMENT OF ZOOLOGY, Government Degree Boys College, KMC Store, Nishtar Road, Karachi

## **COURSES ATTENDED (DURING Ph.D IDIGENOUS SCHOLARSHIP)**

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- A short course on **COASTAL ZONE MANGEMENT, 2005** under Higher Education link between Center of Excellence in Marine Biology and Scottish Association of Marine Science, UK.
- A short course on **COASTAL ZONE MANGEMENT, 2006** in collaboration with University of London, Marine Biological station at Millport, UK and Scottish Association of Marine Science, UK.

## **CONFERENCE ORGANIZATION**

- **35th Pakistan Congress of Zoology (International) March 1 - 4, 2015.**

## **CONFERENCE PRESENTATION**

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**2016**

- **36th Pakistan Congress of Zoology, University of Sindh, Jamshoro Feb 16-18, 2016**  
Zafar Farooqui<sup>1,\*</sup> And Pirzada Jamal Siddiqui<sup>2</sup>  
THE QUANTITATIVE ANALYSIS OF MAJOR GROUPS OF MACRO-FAUNA (GSATROPODS, BIVALVES, POLYCHEATES, CRABS) IN THE MANGROVE CREEKS HAJAMBRO, INDUS DELTA, PAKISTAN

**2015**

- **35th Pakistan Congress of Zoology (International) March 1 - 4, 2015.**  
**Zafar Farooqui** and Pirzada Jamal Siddiqui. 2005. Benthic macro-invertebrate community composition and its relationship with Biological and Physico-chemicl properties of sediment, within mangrove forest of Indus delta (Keti-Bunder), Pakistan. **35th Pakistan Congress of Zoology (International) March 1 - 4, 2015.**

## CONFERENCE POSTER PRESENTATIONS

**2010**

➤ **MARINE BIODIVERSITY 2010, Issues and Remedies (21-22December 2010)**

Seema S, **Farooqui Z**, P.J.A.Siddiqui. 2010. Mangroves: A continuous source of food and nutrients. In: National Conference on **MARINE BIODIVERSITY 2010, Issues and Remedies (21-22December 2010)**

## LIST OF PUBLICATIONS

**2017**

**SUBMITTED to REGIONAL STUDIES IN MARINE SCIENCE (ELSEVIER)**

Zafar Farooqui 2017. Seasonal Nutrients dynamics and fluctuations in dissolved nutrient ions during a tidal cycle in Hajambro creek (Indus delta), Pakistan. Regional studies in Marine Sc. Submitted article. 2017

**2015**

Seema Shafique, Pirzada JA Siddiqui, RA Aziz, SS Shaukat, **Z Farooqui** 2015. Decomposition of *Avicennia marina* (FORSK.) Vierh. Foliage under field and laboratory conditions in the backwaters of Karachi, Pakistan 2015. **Bangladesh Journal of Botany 44(1):1-7**

Seema Shafique, Pirzada JA Siddiqui, **Z Farooqui** 2015. *Distribution and Zonation Patterns of Cerithideopsis cingulata (Gmelin 1791) (Gastropoda: Potamididae) in Mangrove Stands at Sandspit Backwater, Karachi, Pakistan. Pakistan J. Zool., vol. 47(6), pp. 1517-1523, 2015.*

## 2015 (CONFERENCE PRESENTATION)

**Zafar Farooqui** and P.J.A Siddiqui. 2015. Benthic macro-invertebrate community composition and its relationship with Biological and Physico-chemical properties of sediment, within mangrove forest of Indus delta (Keti-Bunder), Pakistan. **35th Pakistan Congress of Zoology (International) March 1 - 4, 2015.**

**2014**

**Farooqui. Z.** 2014. Mangroves Of Keti-Bunder, Indus Delta: a Present Status. **European Scientific Journal May 2014/SPECIAL/edition** ISSN: 1857-7881(Print) e-ISSN 1857-7431.pp 38-48.

**Zafar Farooqui and Pirzada Jamal Siddiqui, 2014.** Assessment of vegetative Phenology with respect to leaf elongation pattern of *Avicennia marina* and *Rhizophora mucronata* in Hajambro creek, Indus delta, Pakista. **Journal of Tropical Life Science. VOL.No 4: No 2.**

Zafar Farooqui, Pirzada Jamal Siddiqui, Munawwer Rasheed. 2014. Changes in Organic, Inorganic contents, Carbon Nitrogen ratio in decomposing *Avicennia marina* and *Rhizophora mucronata* leaves on tidal mudflats in Hajambro creek, Indus delta, Pakistan **Journal of Tropical Life Science. VOL.No 4: No 1. pp 37-45**

## 2013

Farooqui.Z, Siddiqui.PJ.A, Shafique.S, and M.Rasheed.2013 Studies of Decomposition rate and release of nutrients ions (Ammonium, Nitrates, Nitrites, and Phosphates) during the decomposition of *Oryza coarctata* in the laboratory experiment. **Journal of Tropical Life Science. VOL.No 3 pp 149-155**

## 2012

Farooqui.Z, Pirzada. Jamal. Siddiqui, Seema Shafique, Amjad Ali, and Pervaiz Iqbal, 2012. Assessment of litter production in semi arid mangroves forests near active Indus river mouth (Hajambro creek) and Karachi backwaters, Pakistan. **Pak .J. Bot 44(5). 1763-1768**

## 2010

Farooqui Z & Valeem E E 2010. Climate versus Physico-Chemical parameters in Mangroves of Indus Delta, Pakistan: An Overview. **Int.Jourl. of Phycol. And Phytochem. 6(1): 51-58.**

## 2009

Siddiqui.P.J.A, and **ZAFAR Farooqui**. Ehsan Ellahi Valeem, Munawer Rasheed, Seema Shafique. 2009 Studies of Decomposition rates of *Avicennia marina* and *Rhizophora mucronata* on Tidal Mudflats in Active Indus Deltaic Area of Pakistan. **Int.Jourl. of Phycol. And Phytochem. 5(1): 93-98.**

Valeem E E & Farooqui Z, 2009. Variation in the leaf litter decomposition in tidal Mudflats of Nara Creek, Indus Delta. **Int.Jourl. of Phycol. And Phytochem. 5(2): 143-148**

Farooqui Z & Valeem E E 2009. Seasonal pattern of the Nutrients Dynamics and Physico-chemical studies in Nara Creek, Indus Delta. **Int.Jourl. of Phycol. And Phytochem. 5(2): 191-198.**

## 2008

Siddiqui.P.J.A, Sumera Farooq, Seema Shafique, Zaib-un-Nisa Burhan and **ZAFAR Farooqui**. Conservation and management of Biodiversity in Pakistan through the establishment of marine protected areas; **Ocean and Coastal Management 51 (2008) 377-382.**