

## ARNAB MUKHERJEE

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Scientist D

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Personal webpage: <http://www.ncaor.gov.in/profiles/details/316>

## EDUCATION

Ph.D. (2017), National Institute of Oceanography, CSIR, India and Goa University, Goa, India. Thesis title: *Intraseasonal variability of currents along east coast of India*.

M.Sc. (2008) Physics, Indian Institute of Technology (IIT), Delhi, India.

B.Sc. (2006) Physics Hons., Katwa College, Burdwan University, West Bengal (WB), India.

10+2 (2003), Katwa Bharati Bhavan, WB Board of Higher Secondary, WB, India.

10 (2001), Katwa Bharati Bhavan, WB Board of Secondary, WB, India.

## RESEARCH AREA

- Global Sea-Ice modeling
- Global ocean circulations
- Observed variability and dynamics of the polar ocean
- Deep sea variability and climate change
- Coastal Dynamics

## **JOB EXPERIENCES**

- Scientist ‘D’ (December 2019 – Till date) at Arctic Ocean - Atmospheric Interaction Group, National Centre for Polar and Ocean Research (NCPOR), Ministry of Earth Sciences (MoES), Government of India.
- Project Scientist ‘C’ (January 2019 – November, 2019) at Modeling and Data Assimilation Group (MDG), Indian National Centre for Ocean Information Services (INCOIS), MoES, Government of India.
- Project Scientist ‘B’ (November, 2014– December, 2019) at MDG, INCOIS, MoES, Government of India.
- Junior and Senior Research Fellow (November, 2009–October 2014) at Physical Oceanography Division (POD), National Institute of Oceanography (NIO), CSIR, Goa, Government of India.
- Project assistant (August 2008–October 2009) at Computational Neuroscience Division, National Brain Research Center (NBRC), DBT, Gurgaon, Government of India.

## **ACADEMIC STUDENTS**

### **0.0.1 SUMMER/WINTER INTERNSHIP**

#### **0.0.2 2023**

- MS. Shyamasri Adhikari, B.Sc.in Physics, Katwa College, The university of Burdwan, West Bengal, India.

#### **2022**

- Mr. Ishaan Kudchadkar, M.Sc.in Physics, BITS Goa, India.
- Mr. Arnab Gupta, M.Sc. in Physics, BITS Goa, India.

2021

- Ms. Oishi Chakraborty, M.Sc. in Earth Sciences, University of Hyderabad, India.
- Mr. Ravi Teja, M.Sc. in Earth Sciences, University of Hyderabad, India.

2019

- Mr. Nandakishore, M.Sc.in Earth Sciences, KUFOS, Kochi, India..
- Mr. Ranjan Sahu, M.Sc. in Earth Sciences, University of Hyderabad, India..
- Mr. Supriyo Ghosh, M.Sc. in Earth Sciences, University of Hyderabad, India.

2018

- Ms. Arpita Panda, Int. M.Sc. in Earth Sciences, University of Hyderabad, India
- Mr. Bijit Kalita, M.Sc. in Earth Sciences, University of Hyderabad, India.

### 0.0.3 MASTER DISSERTATION

0.0.4 2023

- Mr. Ananthu Pradeep, M.Sc in Physical Oceanography, CUSAT, Kochi, India,  
(January–May 2023).

0.0.5 2021

- Ms. Priyanka Ghosh, M.Sc in Marine Sciences, University of Calcutta, India,  
(January–May 2021).
- Ms. Anjali Kumari, M.Sc in Marine Sciences, University of Calcutta, India,  
(January–May 2021).

#### 0.0.6 2020

- Mr. Supriyo Ghosh, M.Sc in Earth Sciences, University of Hyderabad, India, (January–May 2020).

#### 0.0.7 2018

- Mr. Bijit Kalita, M.Sc in Earth Sciences, University of Hyderabad, India, (January–May 2018).

#### 0.0.8 PAST STUDENTS

- Mr. Supriyo Ghosh, JRF (January, 2022 –December, 2022). Now working at Barcelona Super-computing Centre, Spain.

### LIST OF PUBLICATIONS

Please see my google scholar page

<https://scholar.google.co.in/citations?user=VferLOEAAAAJ&hl=en>

### HONORS AND AWARDS

- Awarded for **exemplary services** to CSIR -National Institute of Oceanography (NIO) for the year 2010.
- Marine working group members of International Arctic Science Committee (IASC) from January 2023 onward.

### REVIEWER

- Journal of Geophysical Research (Oceans), Americans Geophysical Union (AGU)..
- Progress in Oceanography, Elsevier publications..

- Continental Shelf Research (CSR), Elsevier publications.
- Earth system and environmental science, Elsevier publications.
- Ocean Modelling, Elsevier publications.
- Deep Sea Research, Elsevier publications.
- Journal of Earth System Sciences, Springer publications..
- Polar Sciences, Elsevier publications..

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