

# Department of Geology Faculty of Science / University of Peradeniya



#### Prof. Atula Senaratne

B.Sc. (SL), M.Sc. (London), DIC, Ph.D. (FRG), AvH Res.Fell.(FRG), MIGSL

#### **Emeritus Professor**

- atulas@pdn.ac.lk, atulas@sci.pdn.ac.lk
- atula.senaratne@gmail.com
- +94 77 928 6498, 77 261 4198
- B #

#### **About Me**

Prof. Atula Senaratne holds a B.Sc. degree in Geology from the University of Peradeniya, Sri Lanka and a M.Sc. degree in Environmental Technology from the Imperial College of Science, Technology and Medicine, University of London. He obtained his Ph.D. Degree from the Johannes Gutenberg University of Mainz, Federal Republic of Germany.

He joined the academic staff of the Faculty of Science in 1980 and since then served the Faculty of Science of the University of Peradeniya and the University system in Sri Lanka at different capacities. He was the Head, Department of Geology from 1999 to 2004. He also served as the Director –Science Industry Interaction Cell, Faculty of Science and Chairman of the Board of Study in Earth Sciences of the PGIS. He was responsible for two new mineral discoveries, Gold-Graphite (2019) in Seruwila and largest iron ore deposit in Sri Lanka, in 2001. From Aug. 2012 to end of July 2015, he held the highest position of the University, the post of Vice Chancellor.

At the national level, he served as the Chairman of the Water Resources Board of Sri Lanka, Director-Atomic Energy Authority of Sri Lanka and as a member of the Presidential Task Force "Natural Hazards". He was also the President of the Geological Society of Sri Lanka in 2001-2002. He has received many awards at national and international levels. He received Alexander von Humboldt Foundation Research Fellowship /Germany in 1996/97, D.A.A.D. (German Academic Exchange Service) Fellowship, Johannes Gutenberg University, Mainz, F.R.G. in 1984-1988, U.S.A.I.D. Fellowship, Water Resources Division, U.S. Geological Survey, Colorado, U.S.A., in 1983 and The Third World Scholarship, Imperial College of Science and Technology, University of London in 1981- 1982.

# **Higher Education Qualifications**



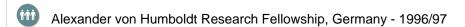
**™**Sc

**₿** BSc

Mainz Germany University of London UK

University of Peradeniya Sri Lanka

## Awards, Scholarships, Memberships & Fellowships



German Academic Exchange Scholarship, Germany - 1984/87

Third World Scholarship- Imperial College of Science Technology and Medicine, University of London - 1981/82

Ronanda Coomaraswamy Medal for outstanding contribution to Geology of Sri Lanka - 2013

Member, American Geophysical Union - 1983

Member, American Water Resources Association -1 983

Member, Geological Society of Sri Lanka - 1983

Rward: Ananda Coomaraswamy Medal: Geological Society of Sri Lanka

RC merit Award for Scientific Publication-2015

# **Positions Held**



Vice Chancellor, University of Peradeniya- (2012-2015)



Chairman, Water Resources Board of Sri Lanka



Senior Professor and Professor of Geology



Associate Professor, Senior Lecturer Gr. I and II, Lecturer

# My Teachings



Nothing to show under this subheading !!!

## Research Interests (Research Fields/ Projects)

- Precious metals in hydrothermal zones along Highland Vijayan Boundary
  - Geothermal energy prospects of Sri Lanka
- Mineral beneficiation

## **Ongoing Research and Projects**

- Precious metals in hydrothermal zones along Highland Vijayan Boundary
- Geothermal energy prospects of Sri Lanka
- Mineral beneficiation

#### **Key Publications**



Nothing to show under this subheading !!!

#### Conferences

31st Tech. Sessions GSSL

-(2015)

**TOPIC**: E.K.C.W.Kularatne, H.M.T, G.A.Pitawala, **Atula Senaratne**, Damsith Weerasinghe: Gondwana breakup and development of sedimentary basins in Sri Lanka

31st Tech.Sessions GSSL

HELD AT: Peradeniya - (2015)

**TOPIC :** Atula Senaratne, R.B.D.L.Bandara: Estimating optimum beach angle for heavy mineral deposition along Sri Lankan beaches.

31st Tech.Sessions GSSL

**HELD AT**: Peradeniya - (2015)

**TOPIC:** Is the Mohorovicic seismic discontinuity the bed of earthquakes?.

31st Tech. Sessions GSSL

HELD AT: Peradeniya - (2015)

**TOPIC**: K.C.W.Kularatne, H.M.T.G.A.Pitawala, **Atula Senaratne**: A preliminary study on pre-flood volcanic hydrocarbon prospectivity in the Mannar Basin, Sri Lanka

iPURSE

**HELD AT:** Peradeniya - (2014)

**TOPIC**: R M I U Rathnayake, A Senaratne: Characterization and prospects for harvesting of heavy mineral beach sands in the coastal belt of Sri Lanka.

## My Publications

Please goto the website.

https://sci.pdn.ac.lk/geology/staff/Atula-Senaratne