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

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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

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PhD	MSc	BSc
Mainz Germany	University of London UK	University of Peradeniya Sri Lanka

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Awards, Scholarships, Memberships & Fellowships

- Alexander von Humboldt Research Fellowship, Germany - 1996/97
- German Academic Exchange Scholarship, Germany - 1984/87
- Third World Scholarship- Imperial College of Science Technology and Medicine, University of London - 1981/82
- Ananda 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
- Award: Ananda Coomaraswamy Medal: Geological Society of Sri Lanka
- NRC merit Award for Scientific Publication-2015

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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

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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

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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

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