

**SARVA MANGALA PRAVEENA (BSc, MSc, PhD)**

FEMALE/ MALAYSIAN/ INDIAN

Current position: Senior Lecturer

Address: Environmental and Occupational Health  
 Faculty of Medicine and Health Sciences  
 Universiti Putra Malaysia 43400 Serdang  
 Selangor Darul Ehsan

Telephone: +6016-5169081

Email: [praveena@medic.upm.edu.my](mailto:praveena@medic.upm.edu.my)/ [smpraveena@gmail.com](mailto:smpraveena@gmail.com)Website: <http://sarvamangalapraveena.web.officelive.com>**PERSONAL**

Age : 29  
 Marital Status : Single  
 Interest : Research activities  
 Writing environmental issue in newsletters  
 Involved in environmental & educational projects/ activities

**PROFESSIONAL SOCIETIES**

- Member (Membership number: 0102659), International Water Association (IWA)
- Member (Membership number: 10253), International Association of Hydrological Sciences (IAHS)
- Member (Membership number: P0523), Malaysian Analytical Sciences Association (ANALIS)

**CORE STRENGTHS**

- Responsible and Oriented
- Self-motivation
- Discipline and enthusiasm
- Problem-solving
- Teamwork
- Reliability
- Creativity
- Communications and ICT

**ACADEMIC QUALIFICATIONS**

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>▪ <b>UNIVERSITI MALAYSIA SABAH</b><br/> <b>Doctor of Philosophy (Environmental Science)</b><br/>           Thesis: Numerical Modeling of Seawater Intrusion in the aquifer of Manukan Island</li> <li>▪ <b>UNIVERSITI MALAYSIA SABAH</b><br/> <b>Master Of Science (MSc) by Research</b><br/>           Thesis: A Study on Heavy Metals Distribution in Mangrove Sediment of Mengkabong, Sabah</li> <li>▪ <b>UNIVERSITI MALAYSIA SABAH</b><br/> <b>BSc (Hons) Environmental Science With Second Class Upper (3.30)</b><br/>           Thesis: Quantification of Solid Waste Management Based on factors of Genders, Year of Studying, Financial Source and Buying Trends in Kurnia Perdana Hostel</li> </ul> | <p><b>2008-2011</b></p> <p><b>2005-2007</b></p> <p><b>2002-2005</b></p> |
|---|---|

- **SEKOLAH MENENGAH MAXWELL, KUALA LUMPUR (Secondary School)** 2000-2001  
 Sijil Tinggi Pelajaran Malaysia  
 Malaysia University English Test (MUET)
- **SEKOLAH MENENGAH KHIR JOHARI SUNGAI SUMUN, PERAK DARUL RIDZUAN (Secondary School)** 1995-1999  
 Sijil Pelajaran Malaysia  
 Penilaian Menengah Rendah
- **SEKOLAH RENDAH KHIR JOHARI SUNGAI SUMUN, PERAK DARUL RIDZUAN (Primary School)** 1989-1994  
 Ujian Penilaian Sekolah Rendah

#### AWARDS AND RECOGNITIONS

<b>Best PhD Thesis Award</b> (Science), Universiti Malaysia Sabah	<b>2011</b>
<b>Postgraduate Inspirational Award</b> , Universiti Malaysia Sabah	<b>2011</b>
<b>Top author</b> in <b>Emerging Competency of Water Resources</b> field by SciVal Spotlight (Elsevier Properties)	<b>2011</b>
<b>Top author</b> in <b>Seawater Intrusion</b> field by ISI Web of Knowledge	<b>2010-2011</b>
<b>Invited and full sponsored</b> by Hanoi University of Mining and Geology, Vietnam for Teaching Purpose (Short Course on Application of SEAWAT 2010)	<b>18-21 April 2010</b>
RESEARCH & INNOVATION AWARDS 2010. Universiti Malaysia Sabah.	<b>5-6 April 2010</b>
<b>Silver Place: Research D- Environment and Energy Category</b>	
<b>National Science Fellowship</b> , Ministry of Science, Technology and Innovation (Malaysia)	<b>2008-2011</b>
<b>Travel Grant</b> by UNU & GIST Joint Programme Symposium on Science and Technology, Korea	<b>4-7 Nov 2009</b>
Research and Innovation Carnival & PEREKA Competition 2009. Universiti Malaysia Sabah.	<b>10 - 11 Julai 2009</b>
<b>Bronze Place: Research D- Environment and Energy Category</b>	
<b>Skim Zamalah Yeoh Tiong Lay</b> (YTL Foundation)	<b>2005-2007</b>
<b>Travel Grant</b> by Postgraduate Centre for Postgraduate Studies, UMS	<b>2007</b>
<b>Travel Grant</b> by Student Affairs, UMS	<b>4 May 2006</b>
<b>Dean's List</b> Semester 1	<b>2004/2005</b>

#### WORKING EXPERIENCE (RESEARCH)

- **Researcher**, Small Island Research Group. Universiti Malaysia Sabah & Universiti Kebangsaan Malaysia- *Current*
- **Research Assistant**. A tool for predicting seawater intrusion into a small island's aquifer ScienceFund: 04-01-10-SF0065-National (Funding: Ministry of Science, Technology & Innovation, Malaysia) – *October 2007-Mac 2010*
- **Fellow**, CD College for Student Affair and Alumni, Universiti Malaysia Sabah- *Feb 2006- 2010*.
- **Research Assistant** (2005), Projek Penyelidikan Kajian Ekosistem and Keupayaan Tampungan di Pulau Sipadan-Projek Usahasama Universiti Kebangsaan Malaysia dan Universiti Malaysia Sabah-*Previous*
- **Research Assistant** (2005-2006), Projek Penyelidikan Kualiti Air di Perairan Teluk Brunei-Institut Penyelidikan Marin Borneo, Universiti Malaysia Sabah Scientific Project- *Previous*

#### WORKING EXPERIENCE [TEACHING EXPERIENCE]

Title of Course/University	Post	Level	Year
Water Quality Analysis	Part time Lecturer	Undergraduate (2nd year students)	2010
Groundwater Pollution	Part-time Tutor	Undergraduate (3 <sup>rd</sup> year students)	2010
Water Quality and Analysis	Part-time Tutor	Undergraduate (2 <sup>nd</sup> year students)	2010
Basics of Environmental Science	Part-time Tutor	Undergraduate (1 <sup>st</sup> year students)	2009

Water Quality and Analysis	Demonstrator	Undergraduate (2 <sup>nd</sup> year students)	2009
Basics of Environmental Science	Part-time Tutor	Undergraduate (1 <sup>st</sup> year students)	2008
Environmental Hydrology/UMS	Demonstrator	Undergraduate (2 <sup>nd</sup> year students)	2007
Environmental Soil Science/UMS	Part Time Tutor	Undergraduate (2 <sup>nd</sup> year students)	2007
Environmental Soil Science/UMS	Demonstrator	Undergraduate (2 <sup>nd</sup> year students)	2007
Environmental Biology/OUM	Demonstrator	Undergraduate (2 <sup>nd</sup> year students)	2007
Environmental Pollution Control/UMS	Demonstrator	Undergraduate (2 <sup>nd</sup> year students)	2006
Environmental Chemistry and Chemodynamics	Demonstrator	Undergraduate (2 <sup>nd</sup> year students)	2006
Air Quality and Noise	Demonstrator	Undergraduate (2 <sup>nd</sup> year students)	2006
Biological Science (Plant and Animal Diversity)/OUM	Demonstrator	Undergraduate (2 <sup>nd</sup> year students)	2006
Environmental Chemistry and Chemodynamics	Demonstrator	Undergraduate (2 <sup>nd</sup> year students)	2005
Biological Science (Plant and Animal Diversity)/OUM	Demonstrator	Undergraduate (2 <sup>nd</sup> year students)	2005
Environmental Biology/OUM	Demonstrator	Undergraduate (2 <sup>nd</sup> year students)	2005

### PUBLICATIONS

#### **TOTAL NUMBER OF PUBLICATIONS** **56**

- **Journals** 36
  - Citation-Indexed Journal* 29
  - Other refereed journals* 7
- **Conference Proceedings** 14
- **Abstract** 3
- **Magazine/Newsletter** 5

H-Index (Scopus) 5  
 H-Index (Web of Science) 4

#### **JOURNALS (PEER REVIEWED) – Accepted & Published**

##### PAPER INFORMATION

##### IF/INDEXED

- |   |        |
|---|--------|
| 1. Prasanna, M.V., <b>Praveena, S.M.</b> , Chidambaram, S., Nagarajan, R. and Elayaraja, A. 2012. Evaluation of water quality pollution indices for heavy metal contamination monitoring: a case study from Curtin Lake, Miri City, East Malaysia. Environmental Earth Sciences. DOI 10.1007/s12665-012-1639-6. | 0.678  |
| 2. <b>Sarva Mangala Praveena</b> , Siti Shapor Siraj and Ahmad Zaharin Aris, 2012. Coral reefs studies and threats in Malaysia: a mini review. Reviews of Environmental Science and Biotechnology. DOI 10.1007/s11157-011-9261-8  | SCOPUS |
| 3. Aris, A.Z., <b>Praveena, S.M.</b> , Abdullah, M.H. and Radojevic, M. 2011. Statistical approaches and hydrochemical modelling of groundwater system in a small tropical island. Journal of Hydroinformatics 14: 206-220.   | 1.200  |
| 4. <b>Sarva Mangala Praveena</b> , Siti Shapor Siraj, Ahmad Kimon Suleiman and Ahmad Zaharin Aris, 2011. A brush up on water quality studies of Port Dickson, Malaysia. Research Journal of Environmental Science 5: 841-849.   | ISI    |
| 5. <b>Sarva Mangala Praveena</b> , Ong Wei Kwan & Ahmad Zaharin Aris. 2011 Effect of data pre-treatment procedures on principal component analysis: a case study for mangrove surface sediment datasets.  | 1.436  |

- Environmental Monitoring and Assessment DOI 10.1007/s10661-011-2463-2
6. **Praveena, S.M.**, Abdullah, M.H., Bidin, K. and Aris, A.Z. 2011. Sustainable groundwater management on the small island of Manukan, Malaysia. Environmental Earth Sciences. DOI 10.1007/s12665-011-1279-2 0.678
  7. **Praveena, S.M.**, Abdullah, M.H., Bidin, K. and Aris, A.Z. 2011. Understanding of groundwater salinity using statistical modeling in a small tropical island, East Malaysia. Environmentalist DOI: 10.1007/s10669-011-9332-y SCOPUS
  8. Chin Yik Lin, Mohd. Harun Abdullah, Baba Mustaf, **Sarva Mangala Praveena** and Ahmad Zaharin Aris, 2011. stability behavior and thermodynamic states of iron and manganese in sandy soil aquifer. Natural Resource Research 20:45-56. SCOPUS
  9. **Praveena, S.M.**, Abdullah, M.H., Bidin, K. and Aris, A.Z. 2011. Modeling of water balance components in small island via a numerical model application. Journal of Coastal Research 28: 202–209 1.366
  10. **Sarva Mangala Praveena** and Ahmad Zaharin Aris, 2010. Groundwater resources assessment using numerical model: A case study in low-lying coastal area. International Journal of Environmental Science and Technology **7 (1)**: 135-146. 1.417
  11. **Praveena, S.M.**, Abdullah, M.H. and Aris, A.Z. 2010. Modeling for Equitable Groundwater Management: Application to Manukan Island, Malaysia. International Journal of Environmental Research **4(3)**:415-426. 0.781
  12. **Praveena, S.M.**, Abdullah, M.H., Aris, A.Z. and Bidin, K. 2010. Recharge And Aquifer Response: Manukan Island's Aquifer, Sabah, Malaysia. EnvironmentAsia **3**: 72-81. SCOPUS
  13. **Praveena, S.M.**, Lin, C.Y., Aris, A.Z. and Abdullah, M.H. 2010. Groundwater Assessment at Manukan Island, Sabah: Multidisciplinary Approaches. Natural Resource Research 19: 279-291. SCOPUS  
10.1007/s11053-010-9124-yb
  14. **Praveena, S.M.**, Aris, A.Z., Abdullah, M.H. and Bidin, K. 2010. Groundwater Studies In Tropical Islands: Malaysian Perspective. Episodes **33**: 200-204. SCI
  15. **Praveena, S.M.**, Aris, A.Z., Abdullah, M.H. and Bidin, K. 2010. A Brief Review On Groundwater Studies in Malaysia. Journal of Sustainable Science and Management **5**: 123-133. SCOPUS
  16. **Praveena, S.M.**, Abdullah, M.H. and Aris, A.Z. 2010. Groundwater Challenges in Small Islands: A Review and Examples from Malaysia. ISESCO Science and Technology Vision 6: 17-23. GOOGLE SCHOLAR
  17. **Praveena, S.M.**, Abdullah, M.H., Aris, A.Z., Mokhtar, M.B. and Bidin, K. 2010. Numerical simulation of seawater intrusion in Manukan Island, East Malaysia. Journal of Modeling in Management Journal of Modelling in Management 6: 317 – 333. GOOGLE SCHOLAR
  18. **Sarva Mangala Praveena**, Mohd Harun Abdullah and Ahmad Zaharin Aris, 2010. Groundwater Solution Techniques: Environmental Applications. Journal of Water Resource and Protection 2: 8-13. GOOGLE SCHOLAR
  19. **Praveena, S.M.**, Aris, A.Z. and Radojevic, M. 2010. Heavy Metals Dynamics and Source in Intertidal Mangrove Sediment of Sabah, Borneo Island. EnvironmentAsia 3: 79-83. SCOPUS
  20. Aris, A.Z., **Praveena, S.M.** and Abdullah, M.H. 2010. The influence of seawater on the chemical composition of groundwater in small island: the example of the Manukan Island, East Malaysia. Journal of Coastal Research 28: 64–75. 1.366
  21. Mohd Harun Abdullah, **Sarva Mangala Praveena** and Ahmad Zaharin Aris. 2010. A Numerical Modeling of Seawater Intrusion into an Oceanic Island's Aquifer – Sipadan Island, Malaysia. Sains Malaysiana 39: 525 - 532. SCI/SCOPUS
  22. Aris, A.Z., **Praveena, S.M.** and Abdullah, M.H. 2010. Saturation states of carbonate minerals in a fresh-water-seawater mixing zone of small tropical island's aquifer. Chinese Journal of Geochemistry **29**:278–286. SCOPUS
  23. Aris, A.Z., Abdullah, M.M., **Praveena, S.M.**, Yusoff, M.K. and Juahir, H. 2010. Extenuation of saline solutes in shallow aquifer of small tropical island: A preliminary study case of Manukan Island, North Borneo. EnvironmentAsia 3: 84-92 SCOPUS

24. Chin, Y. L., Abdullah, M.H., Musta, B., Aris, A.Z. and **Praveena, S.M.** 2009. Assessment of selected chemical and microbial parameters in groundwater of Pulau Tiga, Sabah, Malaysia. *Sains Malaysiana* 39: 805-812. SCI/SCOPUS
25. **Praveena, S.M.** and Aris, A.Z. 2009. A review of groundwater in islands using SWOT analysis. *World Review of Science, Technology and Sustainable Development* 6: 186–203. (SCOPUS) SCOPUS
26. Aris, A. Z., Harun Abdullah, M. H. & **Praveena, S.M.** 2009. Evolution of groundwater chemistry in the shallow aquifer of a small tropical island, North Borneo. *Sains Malaysiana* 38: 805-812. SCI/SCOPUS
27. Aris, A.Z., Abdullah, M. H., Kim, K. K. & **Praveena, S.M.** 2009. Hydrochemical Changes in a Small Tropical Island's Aquifer, Manukan Island, Sabah, Malaysia. *Environmental Geology* 56 (8): 1721-1732. If: 1.078 1.078
28. Mokhtar, M., Aris, A. Z., Munusamy, V. and **Praveena, S.M.** 2009. Assessment Level of Heavy Metals in *Penaeus monodon* and *Oreochromis* spp in selected aquaculture ponds of high densities development area. *European Journal of Scientific Research* 3 (3): 348-360. SCOPUS
29. Lin Chin Yik, Mohd Harun Abdullah, Ahmad Zaharin Aris, **Sarva Mangala Praveena**, 2009. A Baseline Study Groundwater Quality of the Tourist Island, Pulau Tiga, Malaysia. *Modern Applied Science* 3: 62-74. Refereed
30. **Praveena, S.M.**, Ahmed, A., Radojevic, M., Abdullah, M. H. & Aris, A. Z., 2008. Multivariate and Geo-Accumulation Index Evaluation in Mangrove Surface Sediment of Mengkabong. *Bulletin of Environmental Contamination and Toxicology* 81(1): 52-63. 0.998
31. **Praveena, S.M.**, Ahmed, A., Radojevic, M., Abdullah, M. H. & Aris, A. Z, 2008. Heavy Metals in Mangrove Surface Sediment of Mengkabong Lagoon, Sabah: Multivariate and Geo-Accumulation Index Approaches. *International Journal of Environmental Research* 2: 139-148. 0.781
32. **Sarva Mangala Praveena**, Miroslav Radojevic, Mohd Harun Abdullah, Ahmad Zaharin Aris, 2008. Application of Sediment Quality Guidelines in the Assessment of Mangrove Surface Sediment in Mengkabong Lagoon, Sabah, Malaysia. *Iranian Journal of Environmental Health Science & Engineering* 5(1): 35-42 SCOPUS
33. Miroslav Radojevic, **Sarva Mangala Praveena**, Mohd Harun Abdullah, 2008. Statistical Perspective and Pollution Indicator In Mengkabong Mangrove Sediment Sabah. *Applied Modern Science* 2(4) 131-143. Refereed
34. **Sarva Mangala Praveena**, Miroslav Radojevic & Mohd Harun Abdullah, 2007. The Assessment of Mangrove Sediment Quality in Mengkabong Lagoon: An Index Approach. *International Journal of Environmental & Science Education* 2(3): 60 – 68. SCOPUS
35. Kamsia Budin, **Sarva Mangala Praveena**, Amran Ahmed, Ahmad Zaharin Aris & Ho Chong Mun, 2006. Waste Audit and Awareness on Recycling Program: A Case study in Universiti Malaysia Sabah (UMS), Malaysia. *Journal of Borneo Science* 20: 55-60. Refereed
36. **Sarva Mangala Praveena**, Miroslav Radojevic and Mohd Harun Abdullah, 2007. Mangrove Forests of the World. *Women in Natural Resources* ([www.cnr.uidaho.edu/winr/praveena3.htm](http://www.cnr.uidaho.edu/winr/praveena3.htm)). Refereed

#### INTERNATIONAL PROCEEDINGS

1. Aris, A.Z., **Praveena, S.M.**, Yusoff, M.K., Omar, H. and Ramli, M. F. 2010. Geochemical and Numerical Approaches for Seawater Intrusion Assessment in a Small Tropical Island Aquifer. *Twin International Conference on Geotechnical and Geo-Environmental Engineering*. 23-25 June 2010. Seoul, Korea. p. 169-176.
2. **Praveena, S.M.**, Aris, A. Z. and Abdullah, M.H. 2009. Modeling of Seawater Intrusion for a small tropical island aquifer in East Malaysia. *International Conference on Chemical, Biological & Environmental Engineering (CBEE 2009)*. 9-11 October 2009. Singapore. P202-205. DOI [10.1142/9789814295048\\_0042](https://doi.org/10.1142/9789814295048_0042) [ISI Thomson ISI Proceeding and Ei Compendex]
3. Abdullah, M.H., **Praveena, S.M.**, Aris, A.Z. and Kim, K.W. and Anton, A. 2009. Water contamination downstream of Ex-Mamut Copper Mine, Ranau, Sabah. *7th Seminar on Water & Wastewater Management and Technologies*. 21-22 Dec 2009. Kyoto, Japan.
4. Abdullah, M.H., Aris, A.Z., **Praveena, S.M.**, Kim, K.W., Musta, B. and Sulaiman, J. 2009. Applications of saturation indices and speciation in acid mine drainage, ex-Mamut Copper Mine, Malaysia. *7<sup>th</sup> UNU&GIST. UNU-GIST Joint Programme on Science and Technology for Sustainability Joint Symposium*. Gwangju, Korea. 4-6 Nov 2009. p.117.



5. Mohd Harun Abdullah, Ji-Hyung Park, Ahmad Zaharin Aris and **Sarva Mangala Praveena**, 2009. An Analysis on the River Water Quality- Climate Change Effect Phenomena in Tuaran River, Sabah, Malaysia. Second International Workshop on Climate Change Impacts on Surface Water Quality in East Asian Watersheds. Kota Kinabalu, Sabah. 18-20 February 2009. p90-97.
6. **Sarva Mangala Praveena**, Mohd Harun Abdullah, Ahmad Zaharin Aris and Lin Chin Yik, 2008. A brush up on seawater intrusion models. *Third Regional Symposium on Environment and Natural Resources*, Kuala Lumpur, Malaysia. August 5-6, 2008. p313-324.
7. Mohd Harun Abdullah, Kyoung Woong Kim, **Sarva Mangala Praveena** and Ahmad Zaharin Aris, 2008. Sediment–Water Partition And Transport Of Heavy Metals In Acid Mine Drainage: An Example from Malaysia’s Abandoned Copper Mine. 6<sup>th</sup> UNU & GIST Joint Programme Workshop on Sound Management of Hazardous Chemicals and Sustainable Energy. Gwangju, Korea. 21-23 October 2008. p77.
8. Mohd Harun Abdullah, Kyoung Wooong Kim, Ahmad Zaharin Aris and **Sarva Mangala Praveena**, 2008. The Water River Quality Surrounding of Ex-Mamut Copper Mine, Ranau, Sabah. *Third Regional Symposium on Environment and Natural Resources*, Kuala Lumpur, Malaysia. 5-6 August, 2008. p500-505.
9. Mohd Harun Abdullah, Kyoung Wooong Kim, Ahmad Zaharin Aris and **Sarva Mangala Praveena**, 2008. Acid Mine Drainage From Ex-Mamut Copper Mine, Ranau, Sabah: Impacts And Future Of The Mamut River. *JSPS-VCC Group 5 Seminar. Water and Wastewater Management and Technologies*. Kota Kinabalu, Sabah. 17-18 July 2008. p 8-14.
10. Ahmad Zaharin Aris, Mohd Harun Abdullah, Kyoung Woong Kim & **Sarva Mangala Praveena**, 2008. Compositional Change of Groundwater Chemistry in the Shallow Aquifer of Small Tropical Island Due to Seawater Intrusion. *20th Salt Water Intrusion Meeting*. Napples, Florida. 23-27 June 2008. p 9-11.
11. **Sarva Mangala Praveena**, Miroslav Radojevic, Mohd Harun Abdullah & Ahmad Zaharin Aris, 2007. Evaluation of Sediment Quality Guidelines for Mengkabong Mangrove Sediment. *Proceedings of International Conference on Natural Resources and Environmental Management (NREM) and ESH 2007*, Kuching, p111 – 119. ISBN 978-983-9257-79-3.
12. **Sarva Mangala Praveena**, Miroslav Radojevic and Mohd Harun Abdullah, 2006. Mangroves of Asia and Oceania- A Review. *Southeast Asian Natural Resources and Environmental Management Conference 2006*, Kota Kinabalu, Sabah. ISBN 983-2643-94-2.
13. **Praveena, S. M.**, N. L. Pheng, C. P., Yen, M. Radojevic, M. H. Abdullah, 2006. Preliminary Investigation of Mangrove Sediment Chemistry. *Young Researchers CAS 2006, Conference In Applied Science*, 13 & 14 Jun 2006, Universiti Institut Teknologi Mara, Shah Alam. ISBN 893-3643-18-3.
14. Kamsia Budin, **Sarva Mangala Praveena**, Ahmad Zaharin Aris, Ho Chong Mun & Amran Ahmed, 2006. Audit Sisa Pepejal dan Kesedaran Pelajar Mengenai Program Kitar Semula Di Kolej Kediaman Dalam, Universiti Malaysia Sabah. *Persidangan Pembangunan Pelajar Peringkat Kebangsaan 2006; NASDEC 2006*, 8-9 August 2006, Kuala Lumpur. ISBN 983-42420-1-8.

#### CHAPTER IN BOOK

1. Ahmad Zaharin Aris, **Sarva Mangala Praveena**, Latifah Abd. Manaf, Mohd Armi Abu Samah and Mohd Kamil Yusoff (2011). A SWOT Analysis for Optimization of Groundwater Resource Management: The Case of Manukan Island, Sabah, Malaysia. In: Mohamad Pauzi Zakaria, Mohd Ibrahim Mohamed and Sutarji Kasmin (eds.) *Contemporary Environmental Quality Management in Malaysia and Selected Countries*. Universiti Putra Malaysia Press. pp 247-258. (ISBN 978-967-344-208-9)

#### ABSTRACTS

1. **Praveena, S.M.**, Abdullah, M.H., Aris, A.Z., Bidin, K. 2010. Simulation And Prediction of Seawater Intrusion in a Small Island’s Aquifer. *International Conference on Managing Ecosystem Health of Tropical Seas (ECOSEAS 2010)*. 19-21 October 2010. Kuala Lumpur, Malaysia. pp.243.
2. Aris, A.Z., **Praveena,S.M.**, Manaf, L.A., Abu Samah, M.A. and Yusoff, K. 2009. Optimization of groundwater resource management using SWOT analysis. The case of Manukan Island, Sabah, Malaysia. *National Seminar Current Issues and Challenges in Environmental Quality Management in Malaysia*. 2-3 December 2009. Kuala Lumpur, Malaysia. pp.29.
3. **Praveena, S.M.**, Abdullah, M.H., Aris, A.Z., Bidin, K. 2009. Numerical Assessment Of Seawater Intrusion In Manukan Island, Malaysia. *The First Asia-Pacific Coastal Aquifer Management Meeting (APCAMM): Mapping For Synergy In The Twenty-First Century*. 9-11 December 2009. Bangkok, Thailand. pp.23.

**ARTICLES IN INTERNATIONAL NEWSLETTER**

1. **Sarva Mangala Praveena**, & Mohd Harun Abdullah, 2009. Are Small Islands 'Drowning'? *IMPAK* - Issue 2 / 2009. ISSN 1394-0724. Quarterly Publication of the Department of Environment, Ministry of Natural Resources and Environment of Malaysia.
2. **Sarva Mangala Praveena**, Mohd Harun Abdullah & Ahmad Zaharin Aris, 2008. Towards a Low Carbon Society: Carbon Emissions and the Transport Sector. *IMPAK* - Issue 2 / 2008. ISSN 1394-0724. Quarterly Publication of the Department of Environment, Ministry of Natural Resources and Environment of Malaysia.
3. **Sarva Mangala Praveena**, Mohd Harun Abdullah & Ahmad Zaharin Aris, 2008. Ke Arah Pengurangan Pelepasan Karbon: Asap Kenderaan. *ERAHIJAU* - Issue 2 / 2008. ISSN 1394-0724. Publication of the Department of Environment, Ministry of Natural Resources and Environment of Malaysia.
4. **Sarva Mangala Praveena**, Miroslav Radojevic & Mohd Harun Abdullah, 2008. What so special about mangroves. *PENCINTA ALAM* (January 2008): Newsletter of Malaysian Nature Society.
5. **Sarva Mangala Praveena**, Miroslav Radojevic, Mohd Harun Abdullah & Ahmad Zaharin Aris, 2007. A Voice for Mangroves. *IMPAK* - Issue 4/2007:12-13. ISSN 1394-0724. Quarterly Publication of the Department of Environment, Ministry of Natural Resources and Environment of Malaysia.

**EDITORIAL**

1. Associate Editor - Asian Journal of Earth Sciences (SCOPUS)
2. Associate Editor - Research Journal of Environmental Sciences (ISI)
3. Associate Editor - Journal of Environmental Science and Technology (SCOPUS)

**PAPERS REVIEWED-REVIEWER**

1. Journal of Environmental Management - Elsevier
2. Estuarine, Coastal and Shelf Science - Elsevier
3. International Journal of Environmental Research
4. Toxicological & Environmental Chemistry (Taylor & Francis)
5. Journal of Coastal Research (Science Citation Index)
6. International research of Geology and Mining (IRJGM)
7. Tropical Conservation Science Journal
8. African Journal of Environmental Science and Technology

**RESEARCH COLLABORATIONS**

- Prof Dr Mazlin Mokhtar, Universiti Kebangsaan Malaysia
- Dr Prasanna, M.V, Curtin University of Technology, Sarawak.
- Dr C. P. Kumar, National Institute of Hydrology, Roorkee, India
- Dr Alyssa Dausman and Dr Chris Langevin, United States Geological Survey, USA
- Dr Guoweixing, Schlumberger Water Services, USA
- Dr Pham Quy Nhan, Hanoi University of Mining and Geology, Vietnam

**PROFESSIONAL SERVICES/SOCIAL SERVICES**

<b>Universiti Malaysia Sabah</b>		<b>Year</b>
1	Speaker, "Pengurusan Masa", Bengkel Hala Tuju JAKMAS, Kolej Kediaman CD", organized by Kolej Kediaman CD dan Jabatan Hal Ehwal Pelajar, UMS	<b>2011</b>
2	Coordinator, "Program SEDAYA 2", Kolej Kediaman CD, Universiti Malaysia Sabah	<b>2010</b>
3	Committee member (Trip), UMS-GIST International Symposium on Science & Technology	<b>2010</b>
4	Vice-Secretary Postgraduate Seminar School of Science and Technology 2009, UMS	<b>2009</b>
5	Committee member, 2 <sup>nd</sup> International Workshop on Climate Change Impacts on Surface Water Quality in East Asian Watersheds,	<b>2009</b>
6	Coordinator, "Program SEDAYA", Kolej Kediaman CD, Universiti Malaysia Sabah	<b>2009</b>
7	Committee member, "Pemilihan JAKMAS 2008/2009 Universiti Malaysia Sabah	<b>2008</b>

8	Committee member, JSPS-VCC Group 5 Seminar. Water and Wastewater Management and Technologies, UMS	2008
9	Coordinator, "Hari Ikatan Keluarga Mahasiswa Kolej Kediaman CD", Universiti Malaysia Sabah	2008
10	Assistant Coordinator. "Bengkel Hala Tuju JAKMAS, Kolej Kediaman CD", Universiti Malaysia Sabah	2008
11	Coordinator, "Pesta Tamu Gadang Majlis Konvokesyen ke-9 bagi Kolej Kediaman CD"	2007
12	Coordinator, "Malam Anugerah Kecemerlangan Mahasiswa Kolej CD (Kategori:Anugerah dan Cenderahati)"	2007
13	Assistant Coordinator, Educational Trip to Beijing, China (External Affairs)	2007
14	Assistant Coordinator, Educational Trip (LASBELA) to Sekolah Menengah Elopura, Sandakan Kolej Kediaman CD, Universiti Malaysia Sabah	2007
15	Coordinator, "Majlis Sambutan Perayaan Malaysia, Kolej Kediaman CD"	2006
16	Coordinator, "Lawatan Jalinan kasih ke Rumah Orang Tua Taman Sri Pritchard, Kinarut, Sabah"	2006
17	Assistant Coordinator, "Bengkel Hala Tuju JAKMAS, Kolej Kediaman CD"	2006/2007
18	Speaker, "Preparation of Programme Book", Bengkel Hala Tuju JAKMAS, Kolej Kediaman CD", organized by Kolej Kediaman CD dan Jabatan Hal Ehwal Pelajar, UMS	2006/2007
19	Assistant Coordinator, College CD Magazine (Infokus 07)	2006
20	Assistant Coordinator, College CD Magazine (Infokus 06)	2005
21	Committee member (Accommodation), UMS-GIST International Symposium on Science & Technology	2005

### CURRICULUM ACTIVITIES

#### ***Sekolah Menengah Maxwell, Kuala Lumpur & Sekolah Menengah Khir Johari Sungai Sumun, Perak Darul Ridzuan***

• Committee Member, Kelab Pencinta Alam dan Sungai	2001
• Committee Member, in Graphics for School Magazine	2001
• Committee Member, Class: 5 Science	1999
• Assistant Secretary, Library Prefect	1999
• Assistant Treasurer, Renjer Puteri	1999
• Secretary, Traffic Club	1998
• Class Representative, Science Quiz	1998
• School Representative, Science Quiz, Hilir Perak District	1998
• Assistant Treasurer, Renjer Puteri	1997
• District Representative, Hilir Perak District "Choral Speaking	1997
• 4th Place "Story Telling" Peringkat Daerah Hilir Perak	1997



### LANGUAGE PROFICIENCY

- **SPOKEN**  
English (Very Good), Malay (Very good), , Telugu [*mother tongue*] (Very Good), Tamil (Very Good), Hindi (Good), Mandarin (Basic)
- **WRITTEN**  
English (Very Good), Malay (Very Good), Telugu [*mother tongue*] (Very Good), Mandarin (Basic)

### FIELD OF INTEREST

- Drinking water quality and health
- Environmental Health
- Environmental Statistical
- Environmental Chemistry
- Groundwater Modeling (SEAWAT-2000, Visual MODFLOW)
- Mangrove Sediment Geochemistry, Biogeochemistry and Management
- Website designing (Wordpress, web.officelive)

### PROFESSIONAL SKILLS / EXPERTISE

- Microsoft Office
- Statistical Package for Social Science (SPSS)
- Groundwater Modeling (SEAWAT-2000, Visual MODFLOW)
- Environmental Statistical Analysis

### INDUSTRIAL TRAINING

Environmental Protection Department (Sabah)  
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