

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/ smpraveena@gmail.comWebsite: <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"> ▪ UNIVERSITI MALAYSIA SABAH Doctor of Philosophy (Environmental Science) Thesis: Numerical Modeling of Seawater Intrusion in the aquifer of Manukan Island ▪ UNIVERSITI MALAYSIA SABAH Master Of Science (MSc) by Research Thesis: A Study on Heavy Metals Distribution in Mangrove Sediment of Mengkabong, Sabah ▪ UNIVERSITI MALAYSIA SABAH BSc (Hons) Environmental Science With Second Class Upper (3.30) Thesis: Quantification of Solid Waste Management Based on factors of Genders, Year of Studying, Financial Source and Buying Trends in Kurnia Perdana Hostel | <p>2008-2011</p> <p>2005-2007</p> <p>2002-2005</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

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

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 rd year students) | 2010 |
| Water Quality and Analysis | Part-time Tutor | Undergraduate (2 nd year students) | 2010 |
| Basics of Environmental Science | Part-time Tutor | Undergraduate (1 st year students) | 2009 |

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|---|-----------------|---|------|
| Water Quality and Analysis | Demonstrator | Undergraduate (2 nd year students) | 2009 |
| Basics of Environmental Science | Part-time Tutor | Undergraduate (1 st year students) | 2008 |
| Environmental Hydrology/UMS | Demonstrator | Undergraduate (2 nd year students) | 2007 |
| Environmental Soil Science/UMS | Part Time Tutor | Undergraduate (2 nd year students) | 2007 |
| Environmental Soil Science/UMS | Demonstrator | Undergraduate (2 nd year students) | 2007 |
| Environmental Biology/OUM | Demonstrator | Undergraduate (2 nd year students) | 2007 |
| Environmental Pollution Control/UMS | Demonstrator | Undergraduate (2 nd year students) | 2006 |
| Environmental Chemistry and Chemodynamics | Demonstrator | Undergraduate (2 nd year students) | 2006 |
| Air Quality and Noise | Demonstrator | Undergraduate (2 nd year students) | 2006 |
| Biological Science (Plant and Animal Diversity)/OUM | Demonstrator | Undergraduate (2 nd year students) | 2006 |
| Environmental Chemistry and Chemodynamics | Demonstrator | Undergraduate (2 nd year students) | 2005 |
| Biological Science (Plant and Animal Diversity)/OUM | Demonstrator | Undergraduate (2 nd year students) | 2005 |
| Environmental Biology/OUM | Demonstrator | Undergraduate (2 nd 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., Praveena, S.M. , 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. Sarva Mangala Praveena , 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., Praveena, S.M. , 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. Sarva Mangala Praveena , 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. Sarva Mangala Praveena , 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). 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. *7th 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. 6th 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

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

| | | |
|----|---|-----------|
| 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

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 Wisma Budaya, 1-3 Floor
 Tunku Abdul Rahman Road, Locked Bag No. 2078
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