

CURRICULUM VITAE

PERSONAL INFORMATION

Full Name : Prof. Prof. Dr. Ir. Hendarmawan, M.Sc
NIP/NIK : 196701181996011001
Place and Date of Birth : Bandung, January 18th, 1967
Sex : Man
Marital Status : Married
Religion : Islam
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EDUCATION

Year	Education Program	Higher Education	Study Program
1992	Undergraduate	Universitas Padjadjaran	Geology
2002	Postgraduate	Osaka City University, Japan	Hydrogeology
2005	Doctoral	Osaka City University, Japan	Hydrogeology

PERSONAL TRAINING

Year	Training Program	Organization	Duration
1998 – 1999	English and Japanese Languages	Ministry of Education of Indonesia	August 1998 – January 1999
1999	Japanese Studies Program	Osaka University of Foreign Studies	April 1999 – September 1999
2009	Applied Approach (AA) for Education	Universitas Padjadjaran	December 2009 (21 days)

RESEARCH EXPERIENCE

Year	Research Title	Role	Funding
2006	Study to delineate the recharge area of springs and to quantify the recharge rate of Cicurug, Sukabumi, West Java Province	Team Leader	Danone, France
2008	Study to delineate the recharge area of springs and to quantify the recharge rate of Ciomas-Serang, Banten Province	Team Leader	Danone, France
2012	Study to delineate the recharge area of springs and to quantify the recharge rate of Gunung Salak and Gunung Gede Pangrango, Ciherang Bogor Province	Team Leader	Danone, France
2013	Study of master plan for conservation groundwater surrounding Cidawu,	Team Leader	Danone, France

	Sukabumi, west Java (implementation program)		
2015 – 2019	Study of leaching groundwater on oil field using stable isotope	Expert	Cehvron

PUBLICATION

A. BOOK/JOURNAL

Year	Title	Journal
2002	Hendarmawan, Unconfined aquifer system of volcanics in the Northern part of Bandung basin, West Java, Indonesia	Journal of Geosciences Osaka City University, 45: 1-12.
2002	Kumai, H. and Hendarmawan., Groundwater local flowsystems in volcanic slope: a case study on the Bandung City area, Indonesia	Journal of Ground Water Technology, 10: 31-38.
2003	Kumai, H. and Hendarmawan., Groundwater local flowsystems in volcanic slope: a case study on the Bandung City area, Indonesia	Consortium corporation Institute of groundwater Physic-chemistry, Japan, Vol. 11, March, 2003
2004	Hendarmawan, Kumai, H., and Mitamura M., Application of stream hydrograph separation method to estimate the recharge in the northern part of the Bandung Basin, west Java, Indonesia	Journal of Groundwater Hydrology, 3: 213-225.
2005	Hendarmawan, Temperatures diffusion rate of weathered soil in a tropical area: A case study in surrounding Lembang, West Java, Indonesia	Journal of Geosciences Osaka City University, 48:1-15
2005	Hendarmawan, Mitamura, M., and Kumai, H., Water temperature and electrical conductivity of springs on the volcanic slope in a tropical region: A case study on Lembang area, West Java, Indonesia	Journal of Earth Science, 59: 155-166
2008	Groundwater Management and Related Water Resources Issues in the Southeast Asia and East Asia Region (Hendarmawan, pages 33-49)	Book published by LIPI PRESS, member of Ikapi, ISBN 978-979-799-397-9
2008	Groundwater Management and Related Water Resources Issues in the Southeast Asia and East Asia Region (Sri Hartati Soenarmo, Adjat Sudradjat, Ildrem Syafri, Hendarmawan, halaman 75-80)	Book published by LIPI PRESS, member of Ikapi, ISBN 978-979-799-397-9

2010	Ground Penetrating Radar (GPR) survey on the Lava Flow in the Subang Area, West Java Province, Indonesia, Penulis 1	Bulletin of Scientific Contribution, Vol 8, No. 2, August 2010, ISSN 1693-4873
2011	Recharge Area on the Slopes of Volcano Based on Geological Setting, Content of Deuterium and Oxygen Isotopes of Groundwater Chemistry: Case Study on the Slopes of Salak Mountain, West Java	J Trop Soils, Vol. 16, No. 3, 2011: 247-258 ISSN 0852-257X Available online at: http://journal.unila.ac.id/index.php/tropicalsoil DOI: 10.5400/jts.2011.16.3.247
2014	Study of Recharge Area for Supporting Geopark Conservation on the Slopes of Batur Volcano Based on Geological Setting, Content of Deuterium and Oxygen Isotopes of Groundwater Chemistry	Publisher Stone Hammer, Saint John, Canada Conference International UNESCO Conference on Global Geoparks Volume 6
2015	Satrio, Hendarmawan, M. Sapari Dwi Hadian, and E. Ristin Pujiindiyati: Characteristics of Shallow Groundwater of Semarang City in the Rainy Season Based on Stable Isotopes (^{18}O , ^2H) and Water Chemistry	A Scientific Journal for The Applications of Isotopes and Radiation Vol. 11, No. 1, June 2015
2016	Cipta Endyana, Hendarmawan, Emmy Sukiyah, Irwan Ary Dharmawan: Controlling Groudwater System by Pattern Fracture Approach in Subsurface Volcanic Deposit: Mt.Salak-Mt.Pangrango, West Java, Indonesia	Earth and Environmental Science 29 (2016) 012029 doi:10.1088/1755-1315/29/1/012029
2017	Novico, Franto; David, Menier; Iskandar, Teuku; Ranawjaya, Duddy; Rahardiawan, Riza; Saputra, Eko; Subarsyah, Subarsyah; Ali, Arif; Endiyana, Cipta; Mathew, Manoj; Hendarmawan, Hendarmawan, Nature and evolution of the Quaternary coastal sedimentary wedge of the northern part of Java Island	19th EGU General Assembly, EGU2017, proceedings from the conference held 23-28 April, 2017 in Vienna, Austria., p.8345
2020	Taat Setiawan & Boy Yoseph C. S. S. Syah Alam & Eko Haryono & Hendarmawan, Hydrochemical	Hydrogeology Journal https://doi.org/10.1007/s10040-020-02128-8

	and environmental isotopes analysis for characterizing a complex karst hydrogeological system of Watuputih area, Rembang, Central Java, Indonesia	
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B. SEMINAR PAPER/POSTER

Year	Title	Organization
2007	Water temperature and electrical conductivity of springs on the volcanic slope in a tropical region related with groundwater system for early warning in shallow groundwater contamination: A case study on Lembang area, West Java, Indonesia	Indonesian hydrological Society (HIS); RIHN, Kyoto Japan, LIPI, RCWR, BMKG
2007	The Eco-hydrogeometeorological Analysis of Bandung's Basin, Based on the Rainfall Characteristics and Satellite Image Processing	Indonesian hydrological Society (HIS); RIHN, Kyoto Japan, LIPI, RCWR, BMKG
2008	Water deficits and surplus mapping based on image processing technique in Bandung Basin	HAGI
2009	The spatial relation of evapotranspiration, rain intensity and surface run off in Bandung Basin, based on satellite image processing	Suntec Singapore International
2014	Study of Recharge Area for Supporting Geopark Conservation on the Slopes of Batur Volcano Based on Geological Setting, Content of Deuterium and Oxygen Isotopes of Groundwater Chemistry	International UNESCO Conference, Canada
2015	Pitfall in geophysical data interpretation, in groundwater exploration	Earth Dialouges International Symposium on Geophysical Issues. For short PEDISGI 2015

C. EDITOR/REVIEWER

Year	Title	Journal
2015 – now	Hydrogeological interest	Indonesian journal on Geoscience (international journal)
2016	The Major Ions for Tracing Leachate Migration within Shallow Groundwater in the Vicinity of Municipal Landfill in Bantar Gebang	INDONESIAN JOURNAL of CHEMISTRY
2016	Preliminary Hydrochemical Assessment of Unconfined Aquifer System in Bayat Melange Complex, Klaten, Indonesia	the Arabian Journal of Geosciences:

CONFERENCE/SEMINAR/WORKSHOP/SYMPOSIUM

Year	Theme of Event	Organization	Role
2007	International symposium and workshop on current problem in groundwater management and related water resources issues 3-8 December in Bali	Indonesian hydrological Society RIHN, Japan, RCWR, BMKG	Presenter
2007	International symposium and workshop on current problem in groundwater management and related water resources issues 3-8 December in Bali	Indonesian hydrological Society RIHN, Japan, RCWR, BMKG	Presenter
2009	Asian Conference & Exhibition on Geospatial Information, Technology and Applications	Suntec Singapore International	Presenter
2014	Study of Recharge Area for Supporting Geopark Conservation on the Slopes of Batur Volcano Based on Geological Setting, Content of Deuterium and Oxygen Isotopes of Groundwater Chemistry	International UNESCO Conference on Global Geoparks	Presenter
2015	Pitfall in geophysical data interpretation, in groundwater exploration	Earth Dialouges International Symposium on Geophysical Issues. For short PEDISGI 2015	Invited Speaker
2016	The Hydrogeology Volcanic Base on Volcanic Facies Groundwater Chemical Content and Stable Isotope Groundwater	2016 2 nd International Conference on Water Technology - ICWT	Presenter

ORGANIZATION MEMBERSHIP

Year	Organization	Position
2000	International Association of Hydrogeologists	Member

AWARD/NOMINATION

Year	Name of The Award/Nomination	Organization	Flagship Activity
2003	Selected Research Findings for Groundwater Field	Consortium corporation Institute of groundwater Physic-chemistry, Japan	Research Title: Groundwater local flow systems in volcanic slope: a case study on the Bandung City area, Indonesia. Researchers: Kumai, H. and Hendarmawan

2013	As an External Examiner for Universiti Malaysia Kelantan, examiner to the Faculty of Earth Science	Universiti Malaysia Kelantan	Resource Person and Assessor: Curriculum and Research and Development Competency Enhancement System for Professors Researcher: Hendarmawan Participants: All professors of faculty, department, and lab
2015	Honorary participants (non-members) consistent in: Applying Isotope Techniques to Investigate Groundwater Dynamics and Recharge Rate for Sustainable Groundwater Resource Management	IAEA/RCA Final Progress Review Meeting	Presentation: Groundwater conservation using stable isotope approach (continuously for over 10 years in multiple locations. Isotope studies conducted at each location annually, never before done in Indonesia) Researchers: Hendarmawan and team (4 Doctors)
2017	The winner of Green World Award for category environmental practice	The Green Organization supported by the environment Agency, in International	Research and implementation of groundwater conservation using a multidisciplinary approach Hendarmawan as the Leader and Team

Bandung, Indonesia, July 2020

(Prof Dr. Ir. Hendarmawan, M.Sc)