

CURRICULUM VITAE



1. **NAME** : **Hendri**
2. **DATE OF BIRTH** : Jambi, November 29, 1973
3. **NATIONALITY** : Indonesian
4. **OFFICE ADDRESS** : Center for Environmental Research, Papua University
 Jl. Gunung Salju Amban, Manokwari.
- TELP/ FAX No.** : 62986- 211067
- MOBILE PHONE NO.** : 62812-8565015
- E-MAIL** : hendri888@gmail.com, h.hendri@unipa.ac.id
- MOBILE PHONE NO.** : +62-8128565015

5. **EDUCATION**

No	Name of School/ University	Certified		Title
		Date	Place	
1	High School of Xaverius	June 12, 1992	Lubuk Linggau, South of Sumatera	
2	Bogor Agricultural University (Undergraduate Program), Meteorology	September 26, 1998	Bogor, West of Java	B.Sc
3	Bogor Agricultural University (Post-graduate, Master Program), Climatology	June 02,2001	Bogor, West of Java	M.Sc
4	Development Science (Doctoral Program) of Graduate School for International Development and Cooperation (IDEC) Hiroshima University	September 22. 2011	Hiroshima, Japan	Dr. Eng.
5	Researcher in IDEC Hiroshima University, Japan	September 23, 2011	Hiroshima, Japan	-
6	Assistant Professor in IDEC Hiroshima University, Japan	April 4, 2012	Hiroshima, Japan	-

6. **SUMMER COURSE** : August 5-21, 2009, **Hiroshima**. "DEVELOPMENT WITHIN A LOW CARBON WORLD: Preparing Professionals for Post-Kyoto Climate Negotiations and Sustainable Growth Policies."
- August 5-13, 2010, **Bogor**. "DEVELOPMENT WITHIN A LOW CARBON WORLD: Preparing Professionals for Participatory Approaches in Planning and Implementing Climate Change Policies."
- August 4-14, 2011, **Beijing**. "DEVELOPMENT WITHIN A LOW CARBON WORLD: Preparing Professional for Policy and Planning Instruments for Green Innovation."
- August 6-16, 2012, **Manila**, "DEVELOPMENT WITHIN A LOW CARBON WORLD: Preparing Professional for Disaster Risk Management and Climate Change Adaptation."

7. **INTERNSHIP** : February 1 – April 30, 2010. Internship in the Information and Communication Technology and Disaster Risk Reduction Division (IDD), United Nations Economics and Social Commission for Asia and Pacific (**UNESCAP**), **Bangkok, Thailand**.
8. **Trainer** : Disaster Risk Reduction and Climate Change Adaptation Strategies: Developing and Implementing Strategies to Increase Resilience Towards Disaster and Climate Change. University of Hawaii and UNIPA. Manokwari, 2- August 2017
9. **MEMBERSHIP OF PROFESSIONAL SOCIETIES** : Indonesian Society on Agriculture Meteorology
European Geoscience Union (EGU)
Low Carbon Society
APIKI Indonesia Network
10. **FROM July 2015 To Present EMPLOYER (Structural)** : Head of University Disaster Risk Management in West Papua and Head of APIKI Indonesia Network in Papua Region
(Fungtional) Senior Lecturer
DESCRIPTION OF DUTIES : To manage research climate change and disaster-related issues.
- FROM June 2013 To Present EMPLOYER (Structural)** : Coordinator Program of Climate Change and Disaster Risk Management in Center for Environmental Research, Papua University
(Fungtional) Senior Lecturer
DESCRIPTION OF DUTIES : To coordinate research climate change-related issues.
- FROM Oktober 2004 To Present EMPLOYER** : Lecturer in Faculty of Forestry, Papua University (UNIPA), Manokwari, West Papua
POSITION HELD AND DESCRIPTION OF DUTIES : Management database and Researcher
: To assist the implementation of research about Climate Change (Carbon Trade, CDM and REDD+) – Environmental issues and management database
- FROM 2000 TO 2004 EMPLOYER** : Climatology Laboratory, Bogor Agriculture University
POSITION HELD AND: DESCRIPTION OF DUTIES : Technical Assistance (Part Time)
: To assist the implementation of research activities for climate changes, land use land use change and forestry (LULUCF), and climate variability in the Laboratory of Climatology, Bogor Agricultural University (IPB)
11. **RESEARCH LIST**
- ❖ Rizaldi Boer, Upik R. Wasrin, Hendri, Bambang D. Dasanto, Julius Hero, Perdinan, M. Ridwan and Nur Masripatin, 2002. Assessment of Carbon Leakage in Multi Carbon Sink Projects: case study at Jambi province, Indonesia. Journal of Mitigation and Adaptation Strategies for Global Change, Vol 12 (1169-1188), 2007.
 - ❖ Boer, R. and Hendri, 2002. The Potential of Agroforestry System for CDM Project: A Case Study in East Java (unpublished).
 - ❖ Hendri. 2006. Technology of Agroforestry to improve community prosperity and establishment of sustainable production in Manokwari, Irian Jaya Barat (unpublished).
 - ❖ Hendri, 2008. Mitigation from forestry sector in South of Sorong Regency, West Papua (unpublished).
 - ❖ Hendri, 2008. Mitigation from forestry sector in Manokwari Regency, West Papua (unpublished).
 - ❖ Hendri, 2008. Mitigation from forestry sector in Sorong Regency, West Papua (unpublished).
 - ❖ Asmoro, J.P.J. and Hendri, 2009. Climate change mitigation from forestry sector in south Sorong District, Papua, Indonesia. Proceedings of the World Forestry Congress XIII, p6, 2009.
 - ❖ Hendri, Loh, T., Tiwaree, R.S., Lee, K.J., Lee, H.S. and Yamashita, T., 2011. Towards An Integrated Fire Management Framework Using Space-based Application in Asia-Pacific Region.

- Journal of International Development and Cooperation, Vol.17, No.2, p25, 2011.
- ❖ Lee, H.S., Ding, F., Hendri and Yamashita, T.: Numerical Simulation of typhoon wind, precipitation, storm surge, and waves due to Typhoon Morakot. Proceedings of the 16th Pacific-Asian Marginal Seas Meeting (PAMS), p 4, 2011.
 - ❖ Hendri, Yamashita, T. and Komaguchi, T.: Numerical analysis of abnormal long wave "Abiki" generated by the local meteorological disturbance. Proceedings of the Sixth International Conference on Asia and Pacific Coasts (APAC 2011), Citation Index – Science (Thompson Reuters), p8, 2011.
 - ❖ Lee, H.S., Ding, F., Hendri, Yamashita, T. and Mohammed, H. : Modeling of winds, precipitation, storm surge, and waves during the passage of Typhoon Morakot using an atmosphere-waves-ocean coupled model. . Proceedings of the Sixth International Conference on Asia and Pacific Coasts (APAC 2011), Citation Index – Science (Thompson Reuters), p8, 2011.
 - ❖ Yamashita, T., Hendri, Ikeda, T. and Okamoto, T.: Oceanic Oscillation and Rainfall Distribution in the Indonesian Archipelago. Proceedings of the Sixth International Conference on Asia and Pacific Coasts (APAC 2011), Citation Index – Science (Thompson Reuters), p8, 2011.
 - ❖ Hendri, Lee, H.S. and Yamashita T.: Towards an Integrated Fire Management Framework using Space-based Application in Asia and The Pacific. Abstract published in the European Geosciences Union (EGU) General Assembly Meeting, April 3-8, 2011, Vienna, Austria.
 - ❖ Maimunah, S., Hendri, Rosli, N.S., Rafanohara, S.C., Sari, K.R. and Higashi, O.: Strengthening community to prevent flood using participatory approach (a case study of the Semarang City). Journal of International Development and Cooperation, Vol.18, No.2, 19-28 pp, 2011.
 - ❖ Hendri. Environmental Assessment Studies on Tropical Forest Carbon Management and Atmosphere-Ocean Coupled Simulation, p226, 2011. Dissertation, unpublished.
 - ❖ Hendri, Yamashita, T. Kuntoro, A.A. and Lee, H.S., 2012. Carbon Stock Measurement of a Degraded Tropical Logged-over Secondary Forest in Manokwari Regency, West Papua. Journal of Forestry Studies in China, Vol.14 (1): 8-19.
 - ❖ Takao Yamashita, Hendri and Daichi Nagayama, 2012. FRA-JCOPE data analysis for long-term variation of coastal ocean current characteristic in the East China Sea. Annual Journal of Japan Coastal Engineering, Vol. 68(2): 451-455.
 - ❖ Takao Yamashita, Hendri, Ding Fei and Toyoaki Mishima, 2012. Numerical analysis of ocean and inner bay wave fields induced by Typhoon T0416 focusing on Ibusuki Coast preservation. Annual Journal of Japan Coastal Engineering, Vol. 68(2): 126-130.
 - ❖ Hendri, Lee, H.S. and Yamashita, T., 2013. Storm Surge, Wave, and Inundation Simulation in the Bay of Bengal . Proceedings of the Seven International Conference on Asia and Pacific Coasts (APAC 2013), Citation Index – Science (Thompson Reuters), p738-743, 2013.
 - ❖ Hendri, 2014. Agroforestry system and food security for indigenous people in Sorong Region, West Papua: Strategy for low carbon development. Journal of Beccariana 16 (2): 51-57.
 - ❖ Center for Environmental Research Team, 2014. Environmental Impact Assessment of Cement Industry in Manonkwari Regency (Physic Chapter), report, unpublished, Manokwari, West Papua, 215 pp.
 - ❖ Hendri, Alianto, Suhaemi & D. Ampnir, 2015. Pengelolaan risiko bencana perikanan akibat kondisi ekstrim di Kepala Burung Papua. Konferensi dan Musyaarah Nasional Perguruan Tinggi Pengurangan Risiko Bencana tgl 17 Oktober 2015, Solo.
 - ❖ Hendri, J.D. Nugroho, A. Rahmadaniarti, Nurlaela, 2015. Pengelolaan resiko bencana pertanian akibat kondisi ekstrim di Kepala Burung Papua. Seminar Nasional Asosiasi Ahli Perubahan Iklim dan Kehutanan tgl 21-22 Desember 2015, Yogyakarta.
 - ❖ Hendri and Suhaemi, 2015. Fishing ground information system for tuna fish related to extreme condition in the northern part of Papua. (Submitted to Journal of Applied Ocean Research).
 - ❖ Hendri, Nugroho, J.D., Rahmadaniarti, A., and Nurlaela, 2015. Intensification model of yams for indigenous people for food security and adaptation from extreme dry condition in Manokwari, West Papua. (Submitted to Journal of Agroforestry System).
 - ❖ Hendri, Alianto & Suhaemi, 2016. Coastal hazard management due to extreme climate condition in the Bird's Head Papua. Proceeding in the International Workshop of Jogja Earthquake in REfelction 2016, ISBN 978-602-8461-32-0, 14-26 May 2016, Yogyakarta.
 - ❖ Hendri, Abdulah Tuhuhrea, Yohanes Wibisono dan Rintar A. Simatupang. 2017. KOnservasi dan Pengelolaan Hutan Mangrove Berkelanjutan di Pantai Utara Manokwari, Papua Barat. Prosiding Seminar Nasional: Kontribusi Penelitian dan Pengajaran dalam Penguatan Aksi Mitigasi dan Adaptasi Perubahan Iklim untuk Implementasi NDC Indonesia. Jejaring Ahli Perubahan Iklim dan Kehutanan Indonesia, Jakarta, 29-30 November 2017.
 - ❖ Hendri, Hermina Haluk dan Suhaemi. 2017. Kerusakan Hutan Mangrove dan Kajian Kerentanan Tsunami di Pesisir Utara Sorong, Papua Barat. Prosiding Seminar Nasional: Kontribusi Penelitian dan Pengajaran dalam Penguatan Aksi Mitigasi dan Adaptasi Perubahan Iklim untuk Implementasi NDC Indonesia. Jejaring Ahli Perubahan Iklim dan Kehutanan Indonesia, Jakarta, 29-30 November 2017.

12. CONFERENCE

- ❖ Hendri, Tiwaree, R.S. and Yamashita, T: Spaced-based application on drought and fire disaster and integrated fire management in Asia and the Pacific. Presented in Regional Working Group and Stakeholder Consultation Meeting on Regional Cooperative Mechanism on

- Drought Disaster Monitoring and Early Warning, 25 pp, April 28-30, 2010, Kunming, China.
- ❖ Hendri, Lee, H.S. and Yamashita T.: Towards an Integrated Fire Management Framework using Space-based Application in Asia and The Pacific. Abstract published in the European Geosciences Union (EGU) General Assembly Meeting, April 3-8, 2011, Vienna, Austria.
 - ❖ Hendri, Yamashita, T. and Komaguchi, T.: Numerical analysis of abnormal long wave "Abiki" generated by the local meteorological disturbance. Presented in the Sixth International Conference on Asia and Pacific Coasts (APAC 2011), December 14-16, 2011, Hongkong.
 - ❖ Hendri, Lee, H.S, and Yamashita, T.: Storm Surge, Wave, and Inundation Simulation in the Bay of Bengal . Presented in the Seven International Conference on Asia and Pacific Coasts (APAC 2013), September 24-26, 2013, Bali, Indonesia.
 - ❖ Hendri, 2014. Agroforestry system and food security for indigenous people in Sorong Regency, West Papua. Presented in the National Conference of Silviculture II, August 28, 2014, Yogyakarta.
 - ❖ Hendri, J.D Nugroho, Nurlaela & Aditya Rahmadaniarti. 2015. Agriculture Disasater Risk Management due ti Extreme Condition in the Bird's Head Papua. Presented in the National Conference of Network Climate Change and Forestry Experts II, Desember 21, 2015, Yogyakarta.
 - ❖ Hendri, Alianto, Suhaemi & Derek Ampnir, 2015. Fisheries Disaster Risk Management due to Extreme Climate Condition in the Bird's Head Papua. Presented in the National Conference of University Disaster Risk Management Forum, October 17, 2015, Solo.
 - ❖ Hendri, Alianto & Suhaemi. 2016. Coastal Harzard Management due to Extreme Climate Condition in the Bird's Head Papua. Presented in the International Conference of Reflection Earthquake Yogyakarta, May 24-26, 2016, Yogyakarta.
 - ❖ Hendri, Alianto and Suhaemi. 2016. Adaptating Tropical Pacific Fisheries due to Extreme Climate Condition in The Bird's Head Papua. Presented in the 1st International Conference on Marine Biodiversity and Conservation of the Bird's Head Seascape (BHS), Manokwari, 2-5 November 2016.
 - ❖ Hendri, Jacob Manusawai and Derek Ampnir. 2017. Disaster Rick Reduction in West Papua: Lesson Learned and the Way Forward. Presented in the University of Hawaii, Honolulu, Hawaii, 12 September 2017.
 - ❖ Hendri, Abdulah Tuhuhrea, Yohanes Wibisono dan Rintar A. Simatupang. 2017. Konservasi dan Pengelolaan Hutan Mangrove Berkelanjutan di Pantai Utara Manokwari, Papua Barat. Presented in the APIK Nasional Seminar: Kontribusi Penelitian dan Pengajaran dalam Penguatan Aksi Mitigasi dan Adaptasi Perubahan Iklim untuk Implementasi NDC Indonesia. Jejaring Ahli Perubahan Iklim dan Kehutanan Indonesia, Jakarta, 29-30 November 2017.
 - ❖ Hendri, Hermina Haluk dan Suhaemi. 2017. Kerusakan Hutan Mangrove dan Kajian Kerentanan Tsunami di Pesisir Utara Sorong, Papua Barat. Presented in the APIK Nasional Seminar: Kontribusi Penelitian dan Pengajaran dalam Penguatan Aksi Mitigasi dan Adaptasi Perubahan Iklim untuk Implementasi NDC Indonesia. Jejaring Ahli Perubahan Iklim dan Kehutanan Indonesia, Jakarta, 29-30 November 2017.
 - ❖ Hendri, Jacob Manusawai, Bambang Nugroho, Markus Waran, Wempie W Rengkung, Derek Ampnir, and Yoseph Insyur. 2018. Presented in the Pacific Risk Management O'hana: Technology and Disaster Risk Reduction. Honolulu, Hawaii, 6-9 August 2018.
 - ❖ Hendri, Suhaemi and Hermina Haluk. 2018. Earthquake and Tsunami Risk Assessment in the Northern Coastal Area of West Papua Province. Presented in the Nasional Disaster Risk Reduction Month, Knowledge Sharing: The Role of Universities in Sustainable Community Resilience, Medan, 22 October 2018.
 - ❖ Hendri, Yayan Hadiyan, Soetjipto Moeljono. 2018. Vegetation Structure and Potential of Blue Carbon based on Hydromorphic Degraded Mangrove in the Northern Part Manokwari, West Papua. Presented in the International Conference APIK Indonesia Network, Climate Financae and Policy for Paris Agreement Implementation in Asia Pacific: Leveraging Non-State Actor's Role. Jakarta, 19 December 2018.

13. AWARD

The 2010 Hiroshima University, Excellent Student Scholarship.
The 2016 International Seminar of Refelction Earthquake in Yogyakarta, Best Presenter.

14. RESEARCH ACTIVITY

- ❖ Estimation of Terrestrial Carbon Balance in the Papua Island for REDD+ Preparedness, 2012-2013. Funding from Hiroshima University (Rp 150.000.000,00).
- ❖ The Consultant as a **Forestry Expert** for the project on *Locally Appropriate Mitigation Action in Indonesia: strengthening district level capacity for reducing land-based emissions and greening the economy through low emissions development policy that contributes to nationally appropriate mitigation actions* which is conducted collaboratively by CCROM SEAP IPB and World Agroforestry Center (ICRAF), referred to herein after as "ICRAF" (2014-2016) (Rp 75.000.000,00/ year)

- ❖ Fishing Ground Information System for Tuna Fish in the Northern Part of Papua (Pacific Ocean) related to Climate Change Effect and Productivity of Fisherman, 2014-2016. Funding from DIKTI through the MP3EI scheme (Rp 185.000.000,00/ year).
- ❖ Intensification Model of Yams for Food Security related to Extreme Condition in West Papua, 2014-2016. Funding from DIKTI through the MP3EI scheme (Rp 150.000.000,00/ year).
- ❖ Identification and distribution diseases (especially malaria) related to climate change issues, 2015. Funding from Disaster Management Agency of West Papua (Rp 100.000.000,00).
- ❖ Disease Emergence and Economic Evaluation of Altered Landscape (DEAL) Research Capacity Building. One Health University Network (INDOHUN). Tahun 2018 (Rp 75.000.000,00).

15. SKILL

Environmental Assessment uses complex interactions between land surface (SOLVEG) - atmosphere (MM5, WRF) – wind, waves (SWAN, WW3) – ocean (POM) - estuary (ECOMSED) models that known as **Regional Environment Simulator** (RES).

Microsoft office and programmer language (Fortran, C++, Pascal), LAN systems, and CMS.

Documents on Environmental Impact Analysis in PT SDIC Papua Barat. 2016.

Documents on Strategic Environmental Studies in the West Papua Province. 2017

Scientific writing and research grants collaboration with University of Indonesia. 2018.

16. Lecturer Subject

Climatology, Ocean Meteorology, Physic Oceanography, Physiology, Forest Soil, Mathematics, Agroforestry, Environment Modelling, Carbon Modelling, Ocean Modelling, Watershed Management, Disaster Management, Climate Change, Community Resilience, Dynamic Social and Culture, Statistic Analysis, Tropical Silviculture, and Forest soil.

17. Social activities

Buddhist Priests, Chariman of Buddhist Training Center in Manokwari, West Papua and several activities in Regency, Provincial and Nasional of Indonesian Buddhis Council (Majelis Buddhiana Indonesia).

08 <i>Day</i>	07 <i>Month</i>	2019 <i>Year</i>
------------------	--------------------	---------------------

Best Regards,

Hendri

Center for Environmental Research, Papua University

Coordinator Program of Climate Change and Disaster Risk Management

Phone/FAX: +62-(0)986-211067

Mobile: +62-(0)812-8565015

Email: hendri888@gmail.com, h.hendri@unipa.ac.id