

# Curriculum Vitae

Nophea Sasaki

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<b>Title:</b>	<b>Professor and Department Head</b> Natural Resources Management, Asian Institute of Technology
<b>Scientific Indices</b>	<a href="https://orcid.org/0000-0002-8361-5283">https://orcid.org/0000-0002-8361-5283</a> <a href="https://bit.ly/2LEjnk4">https://bit.ly/2LEjnk4</a> (Google Scholar) <a href="https://loop.frontiersin.org/people/87203/overview">https://loop.frontiersin.org/people/87203/overview</a>
<b>Specialization and Research Interests:</b>	<ul style="list-style-type: none"><li>• Forest Carbon Management</li><li>• Forest Carbon Monitoring</li><li>• Tropical Forestry</li><li>• REDD+ and Sustainability</li><li>• Sustainability and APP development</li><li>• Biodiversity Conservation</li></ul>
<b>Education:</b>	<ul style="list-style-type: none"><li>• PhD (Hons.) in Agriculture majoring forest management, Gifu University, Japan, 1999 –2002.</li><li>• Master of Agriculture majoring forest management, Shinshu University, Japan, 1997 –1999.</li><li>• Bachelor of Science in Forestry, Royal University of Agriculture, Phnom Penh, Cambodia, 1990 –1994.</li></ul>
<b>Employment:</b>	
01/2020-present (01/2016-12/2020: Associate Professor)	<b>Full Professor</b> , Natural Resources Management (NRM), <i>Asian Institute of Technology</i> (AIT), Thailand <b>Teaching courses:</b> REDD+, Forestry and REDD+, Biodiversity and Conservation, Ecological Principles for Natural Resources Management, Introduction to Sustainability, NRM Lab I, NRM Lab II, Technovation in Natural Resources Management, Resources Assessment and Mapping <b>Supervision:</b> 22 Master and 9 PhD students <b>Research:</b> Natural resources management from various perspectives, forest carbon monitoring and modeling, land use change and forest carbon accounting, development of digital technologies for land cover change detection, connecting farmers with responsible consumers, and sustainable ecotourism
4/2004-12/2015	<b>Associate Professor</b> , Graduate School of Applied Informatics, <i>University of Hyogo</i> , Japan <b>Teaching courses:</b> Environmental Information, Environmental Community, Environmental Business, Environmental Modeling, Simulation Technique, Environmental eMarketing, Introduction to Applied Informatics <b>Supervision:</b> 6 Master and 4 PhD students <b>Research:</b> Global environment, environmental informatics, land use change and forest carbon accounting, development of digital technologies for land cover change detection, connecting farmers with responsible consumers, sustainable ecotourism
9/2008-8/2009	<b>Charles Bullard Fellow in Forest Research</b> , <i>Harvard University</i> , Cambridge, USA <b>Research:</b> Climate change mitigation and financial incentives
5/2002-3/2004	<b>Postdoc Researcher</b> , <i>Max Planck Institute for Meteorology</i> , Hamburg, Germany <b>Research:</b> Forestry and carbon cycling, global environmental policy
02/1995-3/1996	<b>Trainee Forester</b> , SL International Limited, Sarawak (Malaysia) and Cambodia <b>Duties:</b> Logging planning, operations, socio-environmental impact assessment
<hr/> <b>Visiting and Adjunct Positions</b>	
7/2019-8/2019	<b>Visiting Researcher</b> , <i>Imperial College London</i> , London, UK

	<b>Research:</b> Applications of Google Earth Engine for land cover change detection (Host: Prof. Colin Prentice)
9/2014-8/2015	<b>Visiting Associate Professor</b> , School of Earth and Environmental Sciences, <b>University of Adelaide</b> , Australia (Host: Prof. Lian Pin Koh)
4/2011-3/2013	<b>Adjunct Lecturer</b> , Graduate School of Agriculture, Kyushu University, Japan
01/2006-3/2007	<b>Designated Associate Professor</b> , Graduate School of Engineering, Osaka University, Japan.
7/2005-8/2005	<b>Scientific Visitor</b> , Department of Earth Sciences, <b>Bristol University</b> , UK (Host: Dr. Wolfgang Knorr)
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<b>Administrative Positions</b>	
04/2021 - Present	<b>Head</b> , Department of Development and Sustainability, School of the Environment, Resources, and Development, AIT
9/2020-Present	<b>Chair</b> , AIT Sustainability Taskforce to work on global university's impact ranking, sustainability campus, and produce AIT's Annual Sustainability Report. <a href="https://www.ait.ac.th/the-impact-rankings-2020">https://www.ait.ac.th/the-impact-rankings-2020</a>
7/2017-8/2018	<b>Chair, AIT-STARS</b> (AIT Strategic Taskforce on Admission and Recruitment of Students). Duties: Plan and execute the promotion and marketing strategies for student recruitment for all schools
4/2016-12/2016	<b>Coordinator</b> , NRM, AIT, Thailand. Duties: Managed the academic program of natural resources management, students, faculty and staff
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<b>Other Positions</b>	
4/2013-12/2018	<b>Advisor</b> (appointed by the <b>Cambodian King</b> ), Royal Academy of Cambodia, carrying an official rank of Excellency
4/2014-3/2016	<b>Regional Director</b> (RIJI) for Kinki region, Japan Society of Forest Planning. Kinki region covers seven prefectures
4/2012-12/2013	<b>Advisor</b> to Cambodia's National Taskforce on Preah Vihear Temple Area, Cambodia (Provided advice on managing natural resources in Preah Vihear temple area in Cambodia.)
4/2011-3/2013	<b>Advisor</b> "Assessment of bioenergy production from managing natural forests and grasslands in Cambodia." Japan NUS Co., Ltd., Japan
8/2011-3/2012	<b>Advisor</b> "Prey Long Forests (Cambodia) under the REDD+ Scheme." Conservation International, Japan.
6/2010-3/2015	<b>Advisory Committee Member</b> , FFPRI's REDD Research and Development Center
01/1999-9/1999	<b>Consultant</b> "logging industry and forest concession in Cambodia." Hosei University, Japan
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<b>Online Marketing Skills:</b>	Google Ads' Certified Online Marketing Professional Facebook Marketing Professional Web content management system Email marketing automation, affiliate and press release marketing
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<b>Special Honors and Awards:</b>	
9/2019	<b>Next Step Award</b> from Google (USA) for introduction of Krumpap, a near real-time technology for land cover change detection and monitoring
19/01/2013	<b>Award for best journal paper</b> from the International Society of Environmental and Rural Development, Japan
9/2008-8/2009	<b>Charles Bullard Fellowship</b> in Forest Research, Harvard University
12/2005	<b>Zayed International Prize</b> for the Environment "Scientific Achievements in the Environment"
5/2002-3/2004	<b>Volkswagen Postdoc Fellowship</b> at Max Planck Institute for Biogeochemistry (Germany)
9/2002	<b>START Young Scientist Award</b> for Outstanding Publication (START: The global change SysTem for Analysis, Research and Training)

13/3/2002	<b>University Presidential Award for Excellence</b> , Gifu University, Japan
9/2001	<b>START Young Scientist Certificate of Commendation</b> for Outstanding Publication (journal paper)
4/1996-3/2002	<b>Monbusho graduate scholarship</b> , Japanese government
<b>News and Media Coverage:</b>	
22/7/2021	Interviews with Voice of America “Clearance of Tropical Mountain Forests in Southeast Asia Expanding, Accelerating, Says Study” on a paper published in <i>Natural Sustainability</i> . <a href="https://bit.ly/2UFkkgG">https://bit.ly/2UFkkgG</a>
3/10/2020	Interviews with China's People Newspaper “Opinion on Ecosystem Restoration in China prior to COP15 of the UN Conventional on Biological Diversity” <a href="https://bit.ly/35DNfmv">https://bit.ly/35DNfmv</a>
22/8/2020	Interviews with Straittimes, a Top Magazine in Singapore “Reforestation not a cheap fix for climate change” <a href="https://bit.ly/324c7mM">https://bit.ly/324c7mM</a>
08/5/2020	My lecture “Applications of AI for Environmental Monitoring” was quoted by the <i>Mainichi Shimbun</i> , a major newspaper in Japan. <a href="https://mainichi.jp/articles/20200507/org/00m/010/011000d">https://mainichi.jp/articles/20200507/org/00m/010/011000d</a>
18/8/2016	My paper “Sustainable Management of Tropical Forests Can Reduce Carbon Emissions and Stabilize Timber Production” was quoted by <i>Mongabay</i> ( <a href="https://bit.ly/3gsmpCK">https://bit.ly/3gsmpCK</a> and <a href="https://bit.ly/3gsmpCK">https://bit.ly/3gsmpCK</a> )
8/2016	My paper “Sustainable Management of Tropical Forests Can Reduce Carbon Emissions and Stabilize Timber Production” was quoted by Twitted 19 times <a href="https://frontiers.altmetric.com/details/9933680/twitter">https://frontiers.altmetric.com/details/9933680/twitter</a>
19/8/2009	Interviews with <i>Nature</i> quoted my paper “Critical need for new definitions of forest and forest degradation in global climate change agreements” at <a href="https://www.nature.com/articles/news.2009.842">https://www.nature.com/articles/news.2009.842</a>
<b>Editing Services</b>	
Duration	Journal
10/2020 – present	Associate Editor, <i>Frontiers in Forests and Global Change</i> . Frontier. <a href="https://www.frontiersin.org/journals/forests-and-global-change">https://www.frontiersin.org/journals/forests-and-global-change</a>
5/2020 – present	<b>Editorial Board</b> , <i>Heliyon Agriculture</i> . Elsevier <a href="https://www.cell.com/heliyon/agriculture/editors">https://www.cell.com/heliyon/agriculture/editors</a>
4/2015 – present	<b>Editor</b> , <i>Journal of Forest Planning</i> , Japan <a href="https://www.forestplanning.jp/jfp/about.html">https://www.forestplanning.jp/jfp/about.html</a>
5/2016 – present	<b>Review Editor</b> , <i>Frontiers in Ecology and Evolution</i> <a href="http://loop.frontiersin.org/people/87203/overview">http://loop.frontiersin.org/people/87203/overview</a>
5/2016 – present	<b>Review Editor</b> , <i>Frontiers in Environmental Science</i> <a href="http://loop.frontiersin.org/people/87203/overview">http://loop.frontiersin.org/people/87203/overview</a>
5/2016 – present	<b>Review Editor</b> , <i>Frontiers in Earth Science</i> <a href="http://loop.frontiersin.org/people/87203/overview">http://loop.frontiersin.org/people/87203/overview</a>
01/2017 – 12/2018	<b>Research Topic Chief Editor</b> , Tropical Forest Management and Climate Change Mitigation. <i>Frontiers in Environmental Science</i>
02/2014 – 12/2015	<b>Guest Editor</b> , <i>Land: Special Issue</i> . MDPI, Switzerland <a href="https://goo.gl/dglqHC">https://goo.gl/dglqHC</a>
01/2010 – 12/2014	<b>Editor</b> , <i>Forestry</i> . Oxford Journals, UK
<b>Publications can be found here</b>	<a href="https://orcid.org/0000-0002-8361-5283">https://orcid.org/0000-0002-8361-5283</a> <a href="https://bit.ly/2LEjnk4">https://bit.ly/2LEjnk4</a> (Google Scholar) <a href="https://loop.frontiersin.org/people/87203/overview">https://loop.frontiersin.org/people/87203/overview</a>