

Name	Prof. Dr. Sudarmadji, M.Eng. Sc
Position	Professor of Hydrology in Faculty of Geography Universitas Gadjah Mada
Academic career	<ol style="list-style-type: none"> <li>1. <b><i>Doctorate in Geography</i></b> (Universitas Gadjah Mada, 1991)</li> <li>2. <b><i>Graduate in Civil Engineering (University of New South Wales, 1980)</i></b></li> <li>3. Undergraduate in Geography (Universitas Gadjah Mada, 1975)</li> </ol>
Employment	
Research and development projects over the last 5 years	<ol style="list-style-type: none"> <li>1. Consistent Water Resources Rise of Local Wisdom of Rural Community in Region of Physiography of Volcano and Regional of Karst Physiography (Graduate Research of Graduate School of UGM) 2012 (Team Leader).</li> <li>2. Development of Nature Tourism, Implications for the Environment and Disaster Risks Faced in Yogyakarta Special Region (Grant Competing Research on Graduate School of UGM) in 2013 (Team Leader)</li> <li>3. Influence of activity of population along Rawa Road to Hydrological Characteristic of Surrounding Area (Case of Road of Kaliurang of North of Yogyakarta City) Grant of Lecturer of Faculty of Geography 2013 (Team Leader)</li> <li>4. Integration of Technology and Local Wisdom in the Management of Water for Sustainable Water Supply (Grants for Graduate School of UGM) in 2014. (Team Leader)</li> <li>5. Percussion Erosion Study on Pile Land in Suburbs. Grant of Faculty of Geography Lecturer, 2014 (Team Leader)</li> <li>6. Integrated Environmental Management of Community-Based Volcanic Lakes to Tackle Lake Degradation in the Dieng Plateau (Grant Competing Graduate School UGM) Year 2015. (Team Leader)</li> <li>7. Splash and Overlandflow Erosion on Various Rainfall Events in Land Area Suburban Residences. Grant Lecturer of Faculty of Geography 2015. (Team Leader)</li> <li>8. Integrated Water Resources Management Based on Appropriate Technology and Local Wisdom in Drought Prone Areas. Superior Research of Higher Education, DIKTI, 2016. (Team Leader)</li> <li>9. Sediment Characteristics and Water Quality on Over Land Flow in Solid Area Suburban Housing. Research Grant Faculty of Geography, 2016. (Team Leader)</li> <li>10. Socio-Economic Characteristics of the Community and Responses to Environment Related to the Eco-Hydrology Demosite in the Mukapayung Village. Cooperation of UNESCO-LIPI-APCE with UGM Geography Faculty, 2016 (Team Leader).</li> <li>11. Sediment in Overlandflow and Its Effect on Effectiveness of Rainwater Infiltration Wells in Solid Residential Areas. Grant Research of UGM Graduate School (Team Member).</li> <li>12. Environmental Ethics of Local Communities in the Utilization of Water Resources (Springs, Lakes and Rivers). Grant of UGM Graduate School, as Team Leader.</li> </ol>

	13. Effect of Rainfall Water Wells on Ground Hydrograph on Free Aquifer in Sub-Urban Solid Residential Area. Grant of Faculty of Geography UGM, (As Team Leader).
Industry collaborations over the last 5 years	
Patents and proprietary rights	
Activities in specialist bodies over the last 5 years	
Important publications over the last 5 years	<ol style="list-style-type: none"> <li>1. Zaenuri, Sudarmadji, Fandeli, C., and Sudibyakto. 2011. Environmental Management of Eko-Efficiency Based Industry in Simongan Area, Semarang City. Human and Environmental Journal, Vol. 18 No. 1. March, pp. 29-42.</li> <li>2. Widyastuti, M., Sudarmadji, Sutikno and Hendrayana. H., 2012 Vulnerability of Groundwater to Pollution Contamination of Ponor's Feedstock at Karst Gunung Sewu (Study in Bribin Basin). Human and Environmental Journal, Vol. 19 No.2.</li> <li>3. Sudarmadji, Slamet Suprayogi, Widyastuti, M., and Rika Harini, 2011. Community Based Water Conservation in Baturagung Mountain Physiography Unit, Ledok Wonosari and Gunung Sewu Karst Hills, Gunungkidul Regency. Journal of Teknosains. Vol. 1 No. December 1st.</li> <li>4. Sudarmadji, Wantasen, S. and Suprayogi, S. 2012. Analysis of Mass Equilibrium and Spatial Distribution of Nitrogen in Lake Tondano, North Sulawesi Province. Tropical Tropical Landscape Limnotek in Indonesia, Vol. 19 No.1 pp. 1-12</li> <li>5. Sudarmadji, Slamet Suprayogi and Setiadi, 2012. Community Based Water Conservation in Gunungkidul Regency. Publisher of UGM Graduate School. ISBN: 978-602-8683-32-6</li> <li>6. Sudarmadji, Darmakusuma, Suyono, Agus Budi Wiyatno and Hermin Poedjiastuti, 2012. Water Resources Management Based on Local Wisdom of Rural Community in Physiographic Area of Volcano and Karst Physiography. Grant Research Report of UGM Graduate School</li> <li>7. Sudarmadji, Darmakusuma, Eko Haryono and Widyastuti, 2013. Natural Tourism Development Implications for the Environment and Disaster Risks Faced in Yogyakarta Special Region. Grant Report Graduate School, UGM</li> <li>8. Sudarmadji, 2013. Water: Hydrological and Environmental Perspectives. Publisher of Graduate School, UGM. ISBN 978-602-8133-33-3</li> <li>9. Sudarmadji, 2014. Portrait of Environmental Issues Around the Municipal Highway. Publisher. Depublish, ISBN 602-2280-298-3</li> </ol>

	<ol style="list-style-type: none"> <li>10. Sudarmadji, Hari Supriyono and Sri Lestari, 2015. Volcanic Lakes in Dieng Plateau Utilization and Environmental Problems Faced. <i>Journal of Teknosains</i> Vol. 5 December No.1 2015. ISSN-2089-6131.</li> <li>11. Sudarmadji, Hari Supriyono and Sri Lestari, 2015. Volcanic Lakes in Dieng Plateau Utilization and Environmental Problems Faced. <i>Journal of Teknosains</i> Vol. 5 December No.1 2015. ISSN-2089-6131.</li> <li>12. Irwan Valentinus Sihotang, Sudarmadji, Ig.L. Setyawan Purnama and M. Baiquni, 2016. Water Resources Conservation Model as an Effort to Maintain Water Sustainability in Sub-DAS Aek Silang. <i>Spatial Journal</i>, Vol. 15 No. March 1, 2016, ISSN 1693-1408.</li> <li>13. Ilham Erie Maulana and Sudarmadji, 2016. Groundwater Salinity Distribution in Sub-District Kedung, District of Jepara. <i>Indonesian Journal of Geography</i>, Vol.48 No. 1, June 2016. Pp 47-53. ISSN 0024-9521.</li> <li>14. Wardiyanta, Sudarmadji and Nopirin, 2016. Explorative Study Concerning Yogyakarta as a Tourist Tourmaker. <i>Journal of Social Science and Political Science</i>, Vol. 20, No. 1, July 2016. Pp. 84-96. ISSN p-1410-4946, e-ISSN 2502-7883.</li> <li>15. Irwan Valentinus Sihotang, Sudarmadji, Ig.L. Setyawan Purnama and M. Baiquni, 2016. System Dynamic Approach to Support Decision in Maintaining Water Availability (Case Study in Aek Silang Sub-Watershed, Lake Toba) <i>Geography Forum</i>, Vol 30 Issue 2, December 2016. ISSN 0852-0682.</li> <li>16. Sudarmadji, Fajar Sugiarto, Ratna Destra Kurnia Sari, 2016. Tadisi and Religious as Conservation Efforts of Rural People's Spring: A Case Study of Girimulyo District, Kulonprogo Regency. <i>Journal of Watershed Management Research (Journal of Watershed Management Research)</i> Vol. 1 No. April 1, 2017: 27-34 E-ISSN: 2579-5511 / P-ISSN: 2579-6097</li> <li>17. Sri Lestari, Sudarmadji, Shalihuddin Djalal Tandjung and Sri Juari Santosa, 2017. Lethal Toxicity of Batik Water Bio-Sorption Results in Tilapia (<i>Oreochromis niloticus</i>). <i>Advance Science Letters</i>, Vol 23, 2611-2613, 2017. Doi: 10.1166 / asl.2017.8744</li> <li>18. Wardiyanta, Janianton Damanik, Nopirin and Sudarmadji, 2017. An Study on Family Recreation by Families in Yogyakarta, Indonesia. <i>International Journal of Humanities and Social Science Research</i>, Vol .; Issue 7; July 2017, pp 20-26. ISSN 2455-2070.</li> </ol>
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