# Prof. Dr. rer. nat. Heru Susanto, ST, MM. MT

MASTER PROGRAM OF ENVIRONMENTAL SCIENCE
SCHOOL OF POSTGRADUATE STUDIES
DIPONEGORO UNIVERSITY

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| Name | Prof. Dr. rer. nat. Heru Susanto, S.T., M.M., M.T.<br> |
| Post | *Membrane Science and Technology and Faculty of Engineering* |
| Academiccareer | • *Chemical Engineering (Dr. rer. nat)* •*Universitait Duisburg-Essen, Germany*<br>• *Chemical Engineering (MT)* •*Institut Teknologi Bandung*<br>• *Chemical Engineering (ST)* •*Institut Teknologi Bandung* |
| Employment | *Professor faculty of Engineering* |
| Research and development projects over the last 5 years | Variability of TOC and DBPs (THMs and HAA5) in drinking water Source and Dstribution System in Drought Season: the North Iran Case Study |
| Industry collaborations over the last 5 years | Ionic conductivity and cycling stability improvement of PVDF/Nano-clay using PVP as polymer electrolyte membranes for liFePo4 batteries |
| Patents and proprietary rights | |
| Important publications over the last 5 years | *Selected recent publications from a total of approx. (give total number): 89*<br>*Author(s):* Syarif Prasetyo, Sutrisno Anggoro, Tri Retnaningsih Soeprobowati<br>*Title: Preparation of low-fouling polyethersulfone ultrafiltration membranes by incorporating high-molecular-weight chitosan with the help of a surfactant*<br>*Any other information*<br>South African Journal of Chemical Engineering, Elsevier, *2020/7/1, volume 33, page numbers 133-140* |
| Activities in specialist bodies over the last 5 years | Indonesian Engineers Association |