

Prof. Mochamad Chalid is a distinguished academic and expert in Polymer Technology, currently holding a professorship at the Department of Metallurgical and Material Engineering, Faculty of Engineering, Universitas Indonesia. He is also the Director of the Center for Sustainability & Waste Management (CSWM) at Universitas Indonesia, where he leads initiatives focused on advancing sustainable waste management practices and fostering a circular economy. Born in Jakarta on April 17, 1971, Prof. Chalid has a rich educational background with a Ph.D. in Polymer Product Technology/Chemical Engineering from the *Rijksuniversiteit* Groningen, Netherlands, and a Master's degree in Polymer Engineering/Applied Sciences from the *Technische Universiteit* Delft, Netherlands. His academic journey began with a Bachelor's degree in Chemistry and a Profession's degree in Engineering from Universitas Indonesia.

Prof. Chalid has made significant contributions to the field of polymer science and technology, particularly in developing sustainable materials and advanced polymer composites. His research spans a wide range of topics, including the development of biopolymers, plastic waste valorization, and the integration of natural fibers in polymer matrices for various applications. As a researcher, he has led and collaborated on numerous projects funded by national and international organizations, such as the International Atomic Energy Agency (IAEA) and the Ministry of Research, Technology, and Higher Education of Indonesia (Kemendiknas). Some notable projects include the development of natural fiber-based hybrid polyurethanes, studies on plastic waste-based asphalt, and innovations in biopolymer production.

In addition to his research endeavours, Prof. Chalid is a sought-after keynote speaker, having presented at numerous prestigious international conferences such as the International Polyurethane Forum in Japan and the International Conference on Mechanical, Electrical, and Material Application in China. His expertise is widely recognized, and he serves as a reviewer for leading international journals including *Polymer Composites* and the *Journal of Engineering and Technology Science*. His h-index of 14 on Google Scholar reflects the impact of his research, with his work being cited nearly 900 times by peers worldwide.

Beyond academia, Prof. Chalid is actively engaged in several professional organizations. He is the President of the Indonesia Polymer Association and a founder of the Indonesia Circular Economy Alliance, contributing to policy and innovation in sustainable materials and waste management. He has also served as the Vice Chairman of the National Working Group for Research & Development, Innovation, and Technology within the Indonesia Partnership on Plastic Waste Management (IP2WM).

Throughout his career, Prof. Chalid has been recognized with numerous awards for his outstanding contributions to research, innovation and teaching. These accolades include the "Best Lecturer" award at Universitas Indonesia and the "Indonesian Innovation to Fight COVID-19" award, highlighting his ability to adapt his expertise to address pressing global challenges.

Prof. Chalid continues to be a leading voice in sustainable materials research, advocating for innovative solutions in polymer technology and promoting sustainable development through his leadership at Center for Sustainability & Waste Management (CSWM) - Universitas Indonesia and active participation in global academic and professional communities, such a delegation member of Republic of Indonesia in Ad Hoc Intersessional Open-ended Expert Groups for the Intergovernmental Negotiating Committee (INC) provided by UN Environment Programme (UNEP). His work exemplifies a commitment to fostering a greener and more sustainable future through science and education.