

Prof Brajesh Singh is the Director of the Global Centre for Land-Based Innovation, and a Professor at the Hawkesbury Institute for the Environment, Western Sydney University, Australia. He has a strong research focus in the area of global (including land-use) change, biodiversity, ecosystem functions and sustainable development and is currently working on multiple projects to develop solutions for global change induced impacts on agricultural productivity and environmental sustainability.

Through his fundamental research, his research aims to identify the quantitative relationships between biodiversity and ecosystem functions and how natural/anthropogenic pressures such as land-use change, and pollution affect these. His applied research harnesses the knowledge gained in fundamental research to achieve sustainable development, environmental protection and food security.

Prof Singh serves on multiple international panels including the EU's International Bioeconomy Forum as an expert advisor. He has published well over 200 peer reviewed papers including in Nature, Science, Nature Reviews Microbiology and PNAS. He has also co-edited books including the Global Atlas of Soil Biodiversity. He serves on editorial board of several journals including Journal of Ecology, BMC Journal of Ecology, Environmental Microbiology, Microbial Biotechnology. He is Humboldt Research Award Recipient and the lead author of Chapter 3 and co-author of Chapter 5 of the United State Food and Agriculture Authority (FAO) and Convention of Biological Diversity (CBD) report of "Global Soil Biodiversity Assessment".

Prof Singh obtained his PhD in 2003 from Imperial College, London and then worked at the Macaulay Institute, Aberdeen, UK, from 2002 to 2010. He moved to Western Sydney University in 2010 where he held a number of positions including the Theme Leader at the Hawkesbury Institute for the Environment before taking the Director's role at the Global Centre for Land-based Innovation.