



Timothy A. Bouley

Managing Director for Biological Solutions, Food, and Agriculture, Sustainability Accelerator

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Timothy A. Bouley, MD, MSc, MA is Managing Director for Biological Solutions, Food, and Agriculture at the Stanford Doerr School of Sustainability. He is responsible for leading the strategy and implementation of life science-related 'Flagship Destinations,' accelerating Stanford research into scalable technology and policy solutions.

Dr. Bouley has spent more than 20 years working across biotechnology, medicine, food systems, and the environment. In 2020, he founded and served as CEO of BioFeyn, a life science company based at Harvard, translating biomedical innovation in nanoparticle and stability science to improve the health and sustainability of farmed Norwegian salmon and animal agriculture. In recent years he has also worked to develop and support biological innovations in eDNA and genomics, oral vaccines, tissue engineering, and others with a particular focus on applied benefit for environmental sustainability.

From 2011 – 2018, Timothy was at the World Bank where he established several of the first international programs in Planetary Health: founding the World Bank program on Climate Change and Health; launching the new field of Climate-Smart Healthcare; and serving as the originating author for the first UN-World Bank framework on One Health. Operationally, this work supported lending throughout Africa, Asia, and the Pacific, deploying technology-focused innovation and finance in environment, infectious disease, and agriculture. He led numerous publications, including the five-part 'Investing in Climate and Health' series and 'Framework for Strengthening Human, Animal, and Environmental Public Health Systems.'

He has written and lectured widely on the relationship of human health to the environment and serves as a regular advisor to international organizations, governments, financial institutions, industry, and start-ups. He has held fellowships with the US National Academy of Sciences, Rockefeller Foundation, University of Exeter, and University of Edinburgh. He holds degrees in biology, bioethics, geography, and medicine.

EDUCATION AND CERTIFICATIONS

- MD, Duke University (2011)
- MSc, Oxford University (2010)
- MA, Harvard University (2004)
- BS, Tufts University (2002)

Professional

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Advisor, RA Capital (2025 - present)
- Advisor, UN (WHO/WMO) (2011 - present)
- Advisor, European Commission (2018 - present)
- Consultant, Flagship Pioneering (2024 - 2024)
- Advisor, Revena Life Sciences (2024 - 2024)
- Contributing author, UN World Ocean Assessment, 3rd ed. (2024 - 2024)
- Advisor, High Level Panel for Sustainable Blue Economy (2023 - 2024)
- Consultant, Revive and Restore (2019 - 2024)
- Member - scientific advisory committee, World One Health Congress (2023 - 2023)
- Board member, Tufts University Center for Cellular Agriculture (2022 - 2023)
- Advisor, Blue Climate Initiative (2021 - 2023)
- Review editor, EcoHealth (2019 - 2022)
- Board member, Blue Health 2020 (2014 - 2021)
- Board member, Future Earth (Health) (2014 - 2018)
- Steering committee, Lancet Countdown on Climate and Health (2013 - 2018)