### Evan Hansen

President

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#### Profile

Mr. Hansen founded Downstream Strategies in 1997. For a wide range of science, policy, planning, and economic development projects, he manages interdisciplinary research teams, performs quantitative and qualitative analyses, provides litigation support, and communicates results with policymakers, local leaders, private companies, and nonprofit organizations.

## Skills and Experience

Developed source water protection plans and oversaw ongoing source water protection activities.

Considerable experience working with watershed organizations and agencies on Clean Water Act and Surface Mining Control and Reclamation Act issues such as permits, TMDLs, antidegradation, and watershed-based plans.

Provided expert testimony before appeals boards on NPDES and coal mining permits, before the West Virginia Public Service Commission on water quality issues, and in federal court.

Managed projects related to local economic benefits of acid mine drainage remediation, wind power development, and federal policies and tax credits.

Assessed solar, wind, and landfill gas-to-energy opportunities in West Virginia.

Clarified opportunities to diversify West Virginia's energy mix to save ratepayers money and reduce greenhouse gas emissions.

Conducted training workshops for watershed organizations and permittees to promote informed public participation and permit compliance.

Served on several committees that help set water-related policies at the state and local levels.

Provided consulting services in Zimbabwe, South Africa, Zambia, Tanzania, Namibia, China, and Egypt.

Elected to the West Virginia House of Delegates in 2018, 2020, and 2022.

#### Education

M.S., Energy and Resources, University of California, Berkeley, 1997. This interdisciplinary program combines environmental science, public policy, economics, and engineering.

B.S., Computer Science and Engineering, Massachusetts Institute of Technology, 1988.

# Representative Publications

James J, Hansen E, Shannon D, Williams B. 2022. Got Five On It: Economic Impacts and Observations of the Abandoned Mine Land Economic Revitalization Program Five Years In. Downstream Strategies. June 7.

Pennington M, James J, Hansen E, Shannon D. 2022. Line of Sight: Region VI Planning and Development Council Comprehensive Economic Development Strategy 2022-2026. Downstream Strategies.

Betcher M, Glass M, Hansen E, Rebar T. 2022. South Louisiana Methanol's Proposed Groundwater Withdrawals from the Gramercy Aquifer. Downstream Strategies. Jan 25.

James J, Shannon D, Hansen E. 2021. Advanced Energy Manufacturing Tax Credits in the West Virginia Coalfields. Downstream Strategies. Nov 3.

Boettner F, Fedorko E, Hansen E, Collins A, Zimmerman B, Goetz S, Han Y, Gyovai C, Carlson E, Sentilles A. 2019. Strengthening Economic Resilience in Appalachia: A Guidebook for Practitioners. Downstream Strategies, The Northeast Regional Center for Rural Development, Dialogue + Design Associates.

Downstream Strategies. 2019. Green Infrastructure Implementation Plan: Martinsburg, West Virginia. Mar I.