

SELECTED PROFESSIONAL EXPERIENCE:

Principal – Convergence Research

1985 - Current

Resource Policy Modeling and Consulting.

Analysis and expert testimony on electric and gas utility cost allocation, revenue requirement, infrastructure planning and acquisition, contract, and industry restructuring issues, representing public and non-profit stakeholders in a wide variety of state, provincial, and Federal regulatory, policy, and program development proceedings. Participated in ongoing regional technical advisory panels. Identified, analyzed, and negotiated financing/contract terms for a leading edge public photovoltaic energy installation.

Energy and Water Modeling.

Statistical analysis, technical training, fluvial geomorphology fieldwork, data collection, data analysis and system modelling, financial and system risk analysis, utility integrated resource planning model development and training, energy resource program design.

Entrepreneurial Social Venture Consulting.

Co-founded and developed a commercial internet service provider. Currently managing development of next-generation mathematics, science, and data visualization curricula, content, and learning assessment tools.

Information Services and Online Interface Design.

Developed presentation protocols and commercial digital training curricula. Principal for design, development, implementation and maintenance of private and non-profit sector websites, online discussion forums and interactive data repositories. Owner and operator of an online services enterprise providing network services to startup businesses and nonprofit organizations.

Chief Executive Officer – Chicago Science Group

2000-2003

Developed and directed the strategy, funding, budgeting, hiring, market positioning, sales force staffing, development, contract negotiation, and field testing phases of a new generation of best practice science and mathematics curricula.

Policy Director – Northwest Energy Coalition

1990-1993

Developed and advocated policy positions relating to electric and natural gas resource development and integrated resource planning in the Pacific. Authored numerous briefs, articles and papers relating to regional energy and environmental issues. Provided expert testimony. Principal negotiator in multiple mediation processes. Lead representative and technical advisor for consumer and environmental interests in multiple energy and environmental policy and technical review panels. Managed legal strategy and expert witnesses. Managed consulting contracts, policy staff, and policy budget.

SELECTED PROFESSIONAL EXPERIENCE:

Senior Policy Specialist – Washington Utilities and Transportation Commission

1987-1990

Policy analysis related to electric and gas utility least-cost planning and competitive bidding mechanisms. Co-authored a least-cost resource planning model that formed the basis for models currently in use by Washington and Oregon energy utilities. Represented the Commission in initiation of electric and natural gas integrated resource planning in Washington State.

Senior Instructional Systems Designer – WICAT Systems

1986-1987

Project lead for the task analysis and lesson specification phases of a 400-hour computer based technical training course for Peace Shield, under contract with Boeing Aerospace Corporation. Coordinated instructional content subject matter experts and content authors.

Instructional Systems Designer – WICAT Systems

1984-1985

Project lead for development of a two-year algebra computer-based instruction sequence. Managed authoring and online content teams. Coordinated with system programming team.

Policy Associate – Washington State Energy Office

1982-1983

Performed site surveys, preliminary engineering, and economic analysis of small hydroelectric sites across Washington State. Authored policy analysis of state and utility energy efficiency programs.

Policy Analyst – People’s Organization for Washington Energy Resources

1981-1982

Co-developed policy analyses on behalf of low-income energy consumers in Washington State. Co-authored multiple publications.

Co-Editor – RAIN Magazine

1981

Intern at a highly-regarded national periodical focused on renewable and alternative technology and systems. Edited and assisted in magazine production. Authored multiple reviews and articles for publication.

SELECTED RESEARCH AND EXPERT TESTIMONY:

- Lipschutz, Ronnie, Kevin Bell, and Dominique De Wit (2015)**, *Practicing Energy, or Energy Consumption as Social Practice*, NSF-PIRE Award #1243536.
- Lipschutz, Ronnie, and Kevin Bell (2015)**, *Teaching STEM and Complex Problem-solving to Non-STEM Students through Sustainability Engineering and Design*, American Association for the Advancement of Science, 2015 Pacific Division Conference.
- Bell, Kevin, and Ronnie Lipschutz (2015)**, *Getting to Sustainability: Policy, Politics, Practices*, American Association for the Advancement of Science, 2015 Pacific Division Conference.
- Bell, Kevin, and Ram Nidumolu (2012)**, *Sustainable Data Centers: The State of the Art*, Corporate Eco-Forum.
- Bell, Kevin (2010)**, *Solar Photovoltaic Generation Potential for Downtown Santa Cruz, California: Scoping and Preliminary Assessment Model*, City of Santa Cruz.
- Bell, Kevin, Chris Gray, and Steven Mentor (2004)**, *Understanding Postmodern Terrorism*, in *Beyond the Campaign: The Future of Terrorism*, B. Cummings, ed., NY: CENSA.
- Bell, Kevin, et al. (2003)**, *Science Companion (1e)*, Chicago Science Group.
- Bell, Kevin (1999)**, *Building a Philanthropic Portfolio*, Harvard Kennedy School.
- Bell, Kevin (1999)**, *If You Don't Know Where You're Going, Any Way Will Get You There: Finding the What of Innovation*, Harvard Kennedy School.
- Bell, Kevin (1998)**, *Understanding the Chinese Freight Transport Sector*, Harvard Kennedy School.
- Bell, Kevin (1998)**, *The Lazy Eighty: Zombie Coal Plants and the Failure of Emissions Markets*, Convergence Research.
- Lazar, Jim and Kevin Bell (1997)**, *Energy Options for Snohomish County*, Snohomish Public Utility District.
- Bell, Kevin (1997)**, *Pre and Post Weatherization Results for Low-Income Gas Heated Homes in King County, Washington*, Washington State Community Action Agency.
- Brower, Micheal, Kevin Bell and Steve Bernow (1997)**, *Capacity Value of Wind Energy in the Texas Utilities System*, US Department of Energy.
- Bell, Kevin and Jim Lazar (1996)**, *Estimated Annual Stranded Generation Investment in the Pacific Northwest through 2002*, Convergence Research.
- Bell, Kevin and Dan Meek (1996)**, *A Tale of Two Low-Income Demand-Side Management Programs*, American Council for an Energy Efficient Economy.
- Bell, Kevin (1996)**, *Expert Testimony on Behalf of the British Columbia Energy Coalition*, British Columbia Utilities Commission.

SELECTED RESEARCH AND EXPERT TESTIMONY:

- Bell, Kevin and Jim Lazar (1996)**, *On the Brink: Nuclear Debt, Subsidies, and the Future of Bonneville Power Administration*, American Rivers.
- Bell, Kevin (1995)**, *Expert Testimony on Behalf of the Columbia Basin Institute*, Bonneville Power Administration.
- Bell, Kevin (1995)**, *Expert Testimony on Behalf of the Don't Waste Oregon Committee Regarding the Hermiston Power Project*, Oregon Energy Facilities Siting Council.
- Bell, Kevin (1994)**, *Expert Testimony on Behalf of the West Coast Environmental Law Association and British Columbia Energy Coalition, Regarding Integrated Resource Planning and Regulatory Policy for the British Columbia Gas Company*, British Columbia Utility Commission.
- Bell, Kevin (1994)**, *Expert Testimony on Behalf of the Don't Waste Oregon Committee Regarding the Coyote Springs Generation Project*, Oregon Energy Facilities Siting Council.
- Bell, Kevin (1994)**, *Comments on the Washington Natural Gas 1993 Integrated Resource Plan*, Washington Department of Community Development.
- Bell, Kevin and Geoff Crandell (1994)**, *Understanding the System: DSM Options for Low Income Agencies*, Washington Department of Community Development.
- Bell, Kevin and Jim Lazar (1994)**, *Emission Reduction Options for the Hermiston Generation Project*, Oregon Energy Facilities Siting Council.
- Bell, Kevin (1993)**, *Strategic Resource Planning Model User Manual*, Charles River Associates.
- Spinney, Peter, Peter Fox-Penner and Kevin Bell (1993)**, *Competitive Resource Bid RFP*, Commonwealth Electric/Cambridge Electric.
- Bell, Kevin (1993)**, *Expert Testimony on Behalf of the Northwest Conservation Act Coalition, Dockets UE-92-0433/0499/1262*, Washington Utilities and Transportation Commission.
- Bell, Kevin (1992)**, *BPA Power Sales Contracts - Fundamental Principles and Contract Objectives*, Northwest Conservation Act Coalition.
- Bell, Kevin, Dave Debusk and Hillary Hayden (1992)**, *Least Cost Planning for Natural Gas: New Approaches*, Northwest Conservation Act Coalition.
- Spinney, Peter and Kevin Bell (1992)**, *Incorporation of Environmental Adders into Integrated Resource Planning*, Edison Electric Institute.
- Spinney, Peter and Kevin Bell (1992)**, *Strategic Resource Planning Model, Version 3*, Charles River Associates.
- Bell, Kevin (1992)**, *Expert Testimony on Behalf of the Northwest Conservation Act Coalition, Docket UE-91-0689*, Washington Utilities and Transportation Commission.

SELECTED RESEARCH AND EXPERT TESTIMONY:

Booth, Derek and Kevin Bell (1991), *Sediment Deposition Patterns in the Lower Snoqualmie River Basin*, King County Surface Water Management Utility.

Bell, Kevin (1991), *Electric Utility Planning Resource Performance Model User Manual*, Charles River Associates.

Bell, Kevin (1991), *Expert Testimony and Closing Briefs on Behalf of the Northwest Conservation Act Coalition, Dockets UE-90-1183/1184*, Washington Utilities and Transportation Commission.

Bell, Kevin and KC Golden (1990), *New Directions for Low-Income Energy Efficiency: Residential Lighting and Refrigerator Conservation Potential in Washington State*, Northwest Conservation Act Coalition.

Lazar, Jim and Kevin Bell (1990), *Understanding Integrated Resource Planning*, Hawaii Sierra Club.

Bell, Kevin, KC Golden, and Marc Sullivan (1990), *A Model Action Plan for the Pacific Northwest*, Northwest Conservation Act Coalition.

Bell, Kevin and Eric Larsen (1986), *Fluvial Geomorphology Field Measurement Tool*, US Forest Service

SELECTED ACADEMIC EXPERIENCE:

Evergreen State College, 1981. BA in Energy Systems.

University of Washington, 1991. Graduate coursework in Hydrology and Education.

Advisors: Derek Booth and Linda Stone.

Conflict Dispute Resolution Associates, 1993. Certified Mediator in Public Policy.

Kennedy School of Government, Harvard University, 1999. Master of Public Administration.

Advisor: John Holdren.

University of California at Santa Cruz, 2011-current. Research Fellow, College Eight/Rachel Carson College.

University of California at Santa Cruz, 2011-current. Lecturer and Curriculum Developer, College Eight/Rachel Carson College.