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Beyond Earth Science: Leveraging your degree

Delphine Prévost
September 16, 2009



The Basics

- BA Earth Science, UCB, 1996
- MBA, McGill University, 2004
- Current position:
 - Sr. Project Administrator
 - Maritime Division
 - Port of Oakland

Interests and Goals – An Evolution

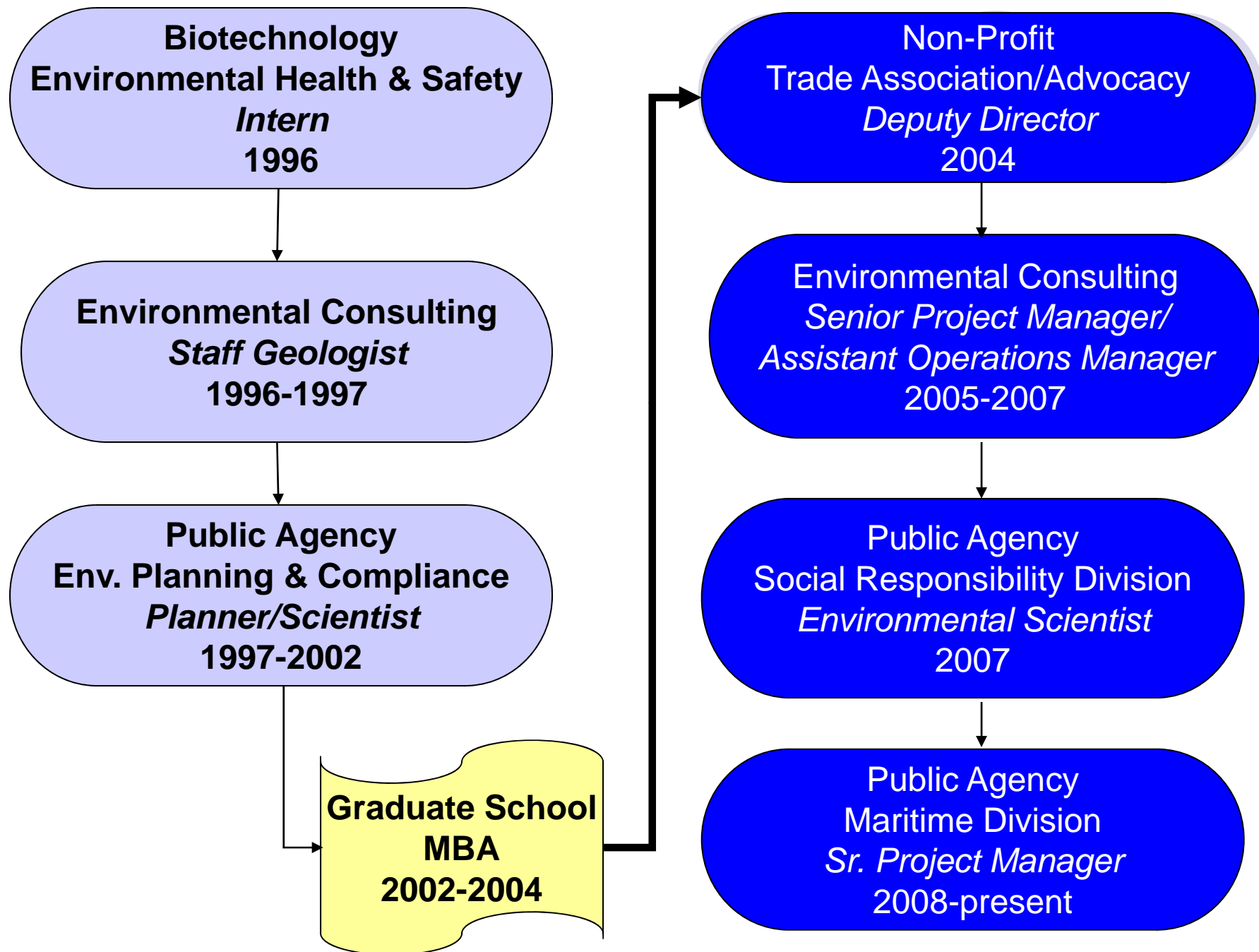
- Nature
- Environmental science
- Science, data, analysis
- Soil, groundwater, natural resources
- Technical work

- Projects
- Policy
- Transportation (service & goods)
- Real estate, asset management
- Construction
- Business & management



Building a Career







Examples of My Work Experience

- Removal of underground storage tanks
- Soil reuse and management
- Groundwater sampling
- Dredging & sediment testing
- Environmental permit negotiation
- Environmental impact reports
- Waste management & pricing
- Risk assessments & remedial plans
- Advocacy strategy
- Membership fundraising



And...

- Manage lease agreements and contracts
- Infrastructure & technology implementation
- Construction project oversight
- Cost & budget estimating
- Manage public meetings
- Public involvement processes, community affairs
- Public-private development negotiations
- Policy/master plans
- Manage people & consultants

Client vs. Consultant



- Focus & responsibilities
- Project perspective
- Project diversity
- Customer service
- Business development
- Hours worked



Public vs. Private Sector

- Breadth of topics & issues
- Uniqueness in the “market place”
- Public input
- Governance
- Process & bureaucracy
- Funding and profit (\$)



Key Skills for Your First Job

- Self-motivation
- Analysis
- Writing
- Delivery of work product
- Communication
- Time management

People skills!

Opportunity... Even in Challenging Times



- Utilities & energy
- Regulatory
- Regional planning
- Transportation
- Health, safety, & compliance

Tips



- Internship

- Get a leg up on the competition

- Consulting

- Great way to get your feet wet
- Get to know the players in your field
- Meet people

- Industry & regulatory

- Experience your field from a different perspective
- Figure out your “track”

- Work before going to graduate school