Sustainable Land Development And Restoration

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Decision Consequence Analysis (DCA) is a framework for improving the quality of decision results. The framework is a systematic, multi-criteria quantification of uncertainties and the opportunities for managing and reducing the potential negative consequences of such uncertainties. DCA is demonstrated throughout the text for each stage of system based management of environmental issues. DCA links disciplines and incorporates components of risk modelling, probability modelling and the psychology of decision making. Its goal is to provide a comprehensive unbiased decision making framework. Its foundation is accurately defining your problem statement and clearly vetting your objectives to build a structure for meaningful analysis of data. Employment of DCA consistently throughout the environmental industry can reduce decibel-driven, agenda-laden decision making, streamline expenditure of resources (financial, human, natural), and provide a clear path to the sustainable maintenance of balanced environmental systems as the penultimate objective. This book provides a toolbox to both the novice and experienced environmental practitioner of valuable techniques for addressing site specific environmental issues, as well as managing a portfolio of liabilities on an international scale. Ultimately, the authors are addressing the critical issue of balancing environmental asset balance sheets, whether on the scale of an individual project, across a company's portfolio, or for a community. EAN/ISBN: 9780080963013 Publisher(s): Elsevier Science & Technology, Butterworth Heinemann Format: ePub/PDF Author(s): Brown, Kandi - Hall Snook, Marjorie - Garvin, Kathleen

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