



Leslie Gowdish, Ph.D.

Managing Director
Asset Lifecycle Management

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Education

Bachelor of Science,
Biological Engineering,
University of Florida

Doctor of Philosophy,
Biological Engineering,
University of Florida

Certifications

Aconex Certified
EcoSys Configuration
Training
Primavera Unifier
Implementation
Procore Certified
Consultant

Expertise

Enterprise Transformation
Project Delivery
System and Tool
Implementation
Process Improvement

Leslie Gowdish is a Managing Director in FTI Consulting's Asset Lifecycle Management services within Construction Solutions and is based in Dallas, Texas. Mrs. Gowdish has more than 13 years of experience in project management, selecting, designing, developing and implementing systems focused on engineering and construction related capital projects and portfolios. Her experience spans a variety of industries including mining, oil & gas, water resources, and infrastructure as well as key disciplines such as project management, project controls, process improvement, engineering and geographic information systems ("GIS").

Ms. Gowdish is responsible for driving technology enablement in North America and has a proven track record with the consistent delivery of consulting engagements across industries ranging from local utilities companies to multinational Fortune 100 clients. Ms. Gowdish is a subject matter expert in project management and controls information systems with extensive knowledge of Biological Engineering and the ability to leverage standards and processes across all aspects of project and portfolio management.

In addition to consulting on processes and technology, Ms. Gowdish has enabled technology adoption by planning, leading, and executing Organizational Change Management and Training activities. This includes rolling out market leading project and portfolio management technologies to more than 800 cross-functional users and across multiple business and operating units.

Prior to joining FTI Consulting she was a Senior Manager with Deloitte where she was responsible for the leading the Technology Enablement offering and delivery of Project Management Information System implementations including Oracle Primavera Unifier and Hexagon EcoSys EPC.

Ms. Gowdish holds both a B.S. and Ph. D. in biological engineering from the University of Florida where she gave her dissertation on An Improved Green-Ampt Soil Infiltration and Redistribution Method and Its Application to 1-Dimensional and Quasi 3-Dimensional (Point Source) Flow Domains. She has also presented and written numerous papers for organizations such as the World Environmental and Water Resources Congress, the American Society of Agricultural and Biological Engineers, and the American Water Resources Association.

Relevant Experience

EXPERTS WITH IMPACT™



- Global Mining Company - Subject Matter Specialist and Technology & Data workstream lead responsible for assessing project execution current state, defining areas of opportunity and assessing potential solutions and value quantification/qualification for improving cost and schedule efficiencies. The engagement entailed examining the organizations operating model, key interactions during the investment and asset lifecycle and overall project execution to either confirm the or recommend changes to enable the organization to deliver projects more efficiently with the intent to enhance project delivery performance outcomes.
- Global Refining Company – Engagement Lead and Subject Matter Expert for the global implementation of Hexagon EcoSys for Turnarounds. This included standardization and optimization of turnaround cost management processes across multiple Sites, requirements gathering, design, configuration, integration development for multiple source systems, testing, training content development, training, deployment and support. The design included turnaround specific requirements for daily accruals, earned value and forecasting during execution, vendor level budgeting and forecasting, and tailored forecast methods for execution window specific forecasting.
- U.S. Renewables Company - Functional Manager for the implementation of a project management information solution (Oracle Primavera Unifier) for a leading provider of clean, renewable power in the U.S with the goal of becoming a ‘best in class in project delivery organization’. The organization was previously managing their project lifecycle (from origination and development to execution through operations) through multiple systems that were not integrated and no standard processes and procedures. The engagement entailed conducting a current state technology review, process improvement identification, elicitation of business requirements, development of conceptual design and implementation roadmap.
- U.S. Midstream Company – Led the Business Analysis for the Project Lifecycle processes to be implemented within Oracle Primavera Unifier for all Capital Projects larger than \$10MM. This included leading workshops, facilitating business process improvements, engaging stakeholders, eliciting requirements, and documenting business and functional requirements. This solution was part of a broader implementation focused on improving project delivery across the enterprise. Also led the training efforts to drive the rollout to the user community including training content development, strategic planning, training delivery and go-live support.
- Global Refining Company – Functional lead for global implementation of Hexagon EcoSys and development of integrations from source financial and schedule systems to EcoSys for Capital Projects. This implementation was to replace a legacy cost management solution while also driving enterprise-wide alignment on cost management processes and the updating of the global cost management procedures. Worked closely with the multiple sites and central teams to enable the tool to meet company specific requirements while also aligning to industry best practices. Developed robust testing scripts and conducted internal and user acceptance to ensure the solution was meeting expectations. Implemented a robust training program to foster adoption across the sites and prepare for rollout to future sites. Training program included the development of business presentation, user guides, quick reference guides, video tutorial and embedded HTML help within EcoSys. Conducted on-site training and support post go-live.
- Global Mining Company - Engagement manager for gap analysis of an existing global implementation of Hexagon EcoSys for a leading global mining company. This engagement included facilitation of multinational, diverse and distributed business unit workshops organized globally, with requirements elicitation and development of a phased implementation roadmap. Upon recommendation of implementation roadmap, served as Engagement manager for the rollout of a new enterprise cost management solution (CMS). Led the design alignment across business units and overall design of CMS.
- U.S. Midstream Company – Program Manager responsible for the oversight and vision of a multi-year, multi-million-dollar cost management initiative. The initiative included cost management process improvement and enablement of those processes through implementation of Hexagon EcoSys. Started with capturing and documentation of as-is cost management process maps which developed into improved, standardized enterprise-wide processes. Spearheaded the initial pilot phase to prove solution capabilities and received steering committee approval to roll the solution out across the organization. Oversaw the implementation and led the team in the delivery of training and rollout to more than 70

users in multiple locations and acted as front-line support during the initial go-live reporting cycle for each operating area.

- U.S. Midstream Company – Functional Lead and Business SME for enhanced functionality and performance improvement to an existing implementation of Hexagon EcoSys prior to the continued rollout to additional areas. This included business requirements analysis and documentation, design, test case development and testing. A key focus was also on strategy/planning and driving the rollout of Organizational Change Management to reduce risk, improve user adoption and ultimately achieve a successful implementation.
- Western Interstate Energy Board – Facilitated the requirements definition workshops, documented requirements, and performed data acquisition/preparation and QA/QC services for the project. Workshops included business process definition and improvement activities to be implemented with the project.
- University of Alaska – Led the requirements gathering and documentation workshops and acted as the lead for QA/QC as a GIS developer for the university. Responsibilities included data collection and validation, database design and development, model application development and end user training.
- Hi-Desert Water District – Helped establish the IT PMO by administering the application development requirements and standards for the client. This included documenting and rolling out the process to the team.
- U.S. Government – Led the design and implementation of an interactive GIS website to better support the FEMA Region X Flood Risk Awareness.

Publications & Awards

Gowdish, L. & Munoz-Carpena, R. (2018). 3DMGAR: A transient quasi-3D point source Green-Ampt infiltration and redistribution model. *Vadose Zone Journal*, 17: 1-11 180032. doi:10.2136/vzj2018.02.0032.

Gowdish, L., Link, J., Hampson, K., & Diaz-Marin, J. (2012). SRWMD Flood Information Website and Report Tool for Outreach. (2012). *AWRA 2012 Spring Specialty Conference, GIS and Water Resources VII*, New Orleans, LA

Bourne, S., Brumbelow, K. Gowdish, L., & Singleton C. (2011). A Web-based tool for estimating climate change induced shifts in storm intensity and frequency in Florida. *Societies, estuaries, and coasts: adapting to change. Coastal and Estuarine Research Federation*

Gowdish, L. & Munoz-Carpena, R. (2009). Development and Verification of an Emitter Supply Radius Equation for 3-Dimensional Green-Ampt Infiltration. O. Silva Rojas and J. Carrera Ramírez (eds.). *Estudios en la Zona no Saturada del Suelo, Vol. IX*: 385-394. CIMNE: Barcelona.

Gowdish, L., Bourne, S., Lakin, F., Stewart, K., & Hampson, J. (2009). South Florida water control system tracker: Real-time water budgeting for pragmatic water control operations. *World Environmental and Water Resources Congress, Conference Paper*. doi:10.1061/41036(342)227

Gowdish, L. (2007). An Improved Green-Ampt Soil Infiltration and Redistribution Method and Its Application to 1-Dimensional and Quasi 3-Dimensional (Point Source) Flow Domains. *Dissertation to Graduate School of the University of Florida*.

Gowdish, L. & Muñoz-Carpena, R. (2005). An Improvement of Ecological Projections by Enhanced Hydrological Dynamics in an Ecological Model. ASAE Paper No. 052191. St. Joseph, Mich.: ASAE.

University of Florida Alumni Fellowship

University of Florida Anderson Scholar