



James E (Jim) Adamson, PE

BMe, Georgia Institute of Technology

MSE, Florida Atlantic University

Member, ASME, SNAME, MTS

- Technical management and design engineering professional with 40+ years of experience in design, project engineering, project management, department management, and company management.
- Designed, built, tested, commissioned, and operated ROV product lines as well as specialty subsea vehicles including ROV-based water jetting cable and pipeline burial devices, cable burial plows, and multi-mission bottom crawling vehicles.
- Designed, built, tested, commissioned and operated subsea tools for the offshore oil industry including torque tools, FLOTs, and numerous specialty tools.
- Designed and conducted subsystem test programs including drop tests, soil jetting excavation, subsea cable burial plow steering, self-burying cofferdams, and others.
- Conducted study programs including gravity anchors, various 3d impacts, resident AUV docking, and others.
- Designed systems and subsystems for commercial and US Navy surface and submarine vessels.

Patents include ROV powered piling hammer, plow steering, heave compensation and others.

Publications

Van Ryzin, J., Grandelli, P., Argall R., Rizea, S.E. *Ocean Thermal Energy Conversion: The Cost Challenge*. In: The 2009 Offshore Technology Conference; 2009 May 4-7; Houston, TX.

Eldred, M, Van Ryzin J, Rizea, S.E., et al. *Heat Exchanger Development for Ocean Thermal Energy Conversion*. In: The 2011 Oceans Conference; 2011 September 19-22; Honolulu, HI.

Rizea, S. *Optimization of ocean thermal energy conversion power plants. (Master's thesis)*. 2012.