



GloCal

An Integrative **Global/loCal** Networked Development Corporation
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Specialties

Process Integration: From science & engineering to business and government; high performance polymeric composite processes; scaling phenomena and nanotechnology; industry/university collaboration; interdisciplinary global team learning and development; integrating research and technology into business processes and leadership; Venture Capital; airplane/airline/aerospace issues and applications.

Current Research

Durability of polymeric composites in commercial aircraft through in-flight service evaluations; innovative polymeric and polyanomeric composites and their manufacturing; integrated learning and venture teams between suppliers, manufacturers, customers and academia; integration of management and technical education through experiential (mixed reality) authentic learning; Socio-Economic Development.

Activities

Founder of B.E.D.R. (Business Education Design and Research) a Global Group Network with over 500 people in over 100 organizations. Founder and Chairman of F.R.E.E.D.O.M (Foundation for Research Experiential Educational Developmental Operational Management), a Seattle, Washington, non-profit organization providing an intellectual interface for the public and private sectors in the U.S.; Founder and Board member Process Administration Institute in Paris, France; Founder and Chairman, Archimedes Center of Innovation and Creation, Athens, Greece; Founder and Promoter, Academy of Glocal Processes, Tokyo, Japan; also involved with over ten ventures (start-ups, joint ventures, project financing) as part of world-wide consulting development and venture capital practice.



James Dimitrios Constantine Seferis, PhD

Chairman of the Board & Executive Director
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Academic Positions Held

Distinguished Affiliate Professor Sung Kyun Kwan University Seoul Korea (2006-Present); Rector, Distinguished GloCal Professor, Engineering, Business and Public Health, GloCal Corporation, dba GloCal University (2005 – Present); First Outstanding Alumni Award and Research Professor, Center for Composite Materials, University of Delaware (2005-2006); Adjunct Prof., Management Science Environmental Health & Community Medicine (2002 – 2005); named Boeing/Steiner Professor of Polymeric Composites, (1991 – 2005); Professor, University of Washington, Dept. of Chemical Engineering (1977- 2005); Visiting Professor: National Technical University of Athens Athens, Greece (1982 & 2003); University of Naples, Italy (1983-Present); University of Hamburg, Germany (1987-1992); Ecole Polytechnic Federal de Lausanne, Switzerland (1994); University of Tokyo, Japan (1995); Tokyo Science University, Japan (1997).

Selected Publications

He has published with his students and associates over 400 papers and edited 8 books and special monographs.

"The Airplane as a Vehicle for Bringing People Together for Technological, Educational, and Social Developments." Proc. Nat'l Academy of Athens, Greece (1995).

Honor and Awards

First White House Presidential Young Investigator Award (1984); Alexander von Humboldt Foundation of Germany Awards (1987 and 1996); Elected to National Academy of Athens, Greece (1989); Educational Innovation Award for Team Certificate Program, American Engineering Management Association (1995); Mettler Award in Thermal Analysis, NATAS (1995); Elected Fellow Society for the Advancement of Materials and Process Engineering (1996); Outstanding Alumni Award, University of Delaware (1999); Distinguished Honorary Member Mediterranean Thermal Analysis Society (2005).

Consulting

Technical, Management and Economic consultation is being conducted by Systems Group in the U.S. (Composite Systems Technology), in non-U.S. countries (Scaled Systems Technology) and (GloCal Systems Management). Extensive experience transferred to the group by Seferis work with: Boeing, Wilson Sports, Toray, Korean Air, Lufthansa, Patria, Lockheed, EADS/Airbus, Raytheon, DuPont and its spinout, TA Instruments (also former member of Board of Directors), Ciba Geigy, Rhone-Poulenc, Hexcel, IBM, Shell, BF Goodrich, Zeon Chemicals, United Nations Development Program, and several other major international organizations. Organized over 100 international symposia and workshops on management practices and teaming; polymer/composite/airplane technology in the United States, Europe, and Asia; Lecturer and organizer of executive management seminars and Process Administration for Team Building.

Academic/Industrial Interface

Executive Director, PCL, an interdisciplinary laboratory for targeted basic research between chemical, aerospace, and materials industries (1982- present); Chairman, university-industry, government/professional Team Certificate Program (1993 - present); Thesis supervisor of over 100 doctoral and master's degrees. His graduates hold leadership positions in industry and academia the world over.