Curriculum Vitae — Joseph A. Sprute

aka "ERES Maestro"

Visionary Systems Architect | Cybernetic Governance Pioneer | Long-Term Civilization Designer

Contact Information

- **Email**: eresmaestro@gmail.com
- **Location**: Bella Vista, Arkansas, USA
- **GitHub**: github.com/ERES-Institute-for-New-Age-Cybernetics
- **LinkedIn / Profiles**: ResearchGate (Joseph A. Sprute) | Medium (@josephsprute)

Professional Summary

Innovative thought leader with over 25 years of experience in systems design, cybernetic governance, and sustainable civilization planning. Co-founder of the ERES Institute for New Age Cybernetics (2012–present), Joseph has pioneered an original synthesis of bioenergetics, sociocratic governance, game theory, and long-horizon ecological strategy known as **New Age Cybernetics (NAC)**.

His open-source frameworks — including **PlayNAC Game Theory Engine**, **EarnedPath adaptive education system**, **Personal Energy Resonance Codex (PERC)**, and **VERTECA smart-city governance model** — provide practical tools for equitable resource allocation, non-punitive social remediation, and resilient multi-century societal design.

Author of 200+ technical papers, white papers, and frameworks published on ResearchGate and Medium. Frequent collaborator with frontier AI systems (ChatGPT, Claude, Grok) as co-researchers on governance and energy-dynamics models.

Core Competencies & Expertise

- New Age Cybernetics & Sociocratic Governance Design
- Long-Horizon Sustainable Systems (500–1,000-year planning horizons)
- Bioenergetics & Semantic Energy Modeling (Kirlian-derived metrics, aura-tech integration)
- Real-Time Adaptive Learning Architectures (EarnedPath, ERES Kernel)
- Applied Game Theory Engines (PlayNAC-KERNEL, open-source)
- Smart-City & Ecological Governance Protocols (VERTECA, GAIA NPR)

- Distributed Ledger Concepts for Governance & Reputation (ERES Bytecoin, PlayNAC tokens)
- Cybernetic Equation Systems (C = R×P/M, BEST Method, SEPLTA schemas)
- Systems Modeling, Infographics & Instructional Design
- Strategic Foresight & Resilience Engineering

Professional Experience

Co-Founder & ERES Maestro

ERES Institute for New Age Cybernetics | 2012 – Present

- Founded and continue to lead an independent research institute dedicated to integrating bio-energetic principles with modern cybernetics and governance.
- Designed and released >15 major open-source frameworks and 200+ supporting documents used by sustainability researchers, sociocracy practitioners, and experimental governance communities worldwide.
- Architect of PlayNAC-KERNEL — a real-time VR/AR-ready game-theory engine for equitable resource planning and decentralized decision-making (GitHub active).
- Developed VERTECA (2024–2025), a comprehensive smart-city governance blueprint emphasizing non-punitive remediation and energy-based merit systems.
- Regular publisher of forward-looking white papers on AI-assisted sociocracy, "Vacationomics," and post-scarcity energy economies.

Independent ICT Strategist & Systems Designer (Self-Employed) | 1995 – 2012

- Delivered technology strategy, secure network architecture, and CRM solutions to SMEs, NGOs, and government-linked entities.
- Early innovator in trusted virtual private networks (TVPN concept) and community-scale off-grid planning frameworks ("Gunnysack Earthship" model).
- Served as President of CyberRAVE (1999–2005), presenting to U.S. Department of Homeland Security (CIAO 2002), The Open Group, and Internet Society forums.

Education

University of Oregon | 1983 – 1986

Business Administration (focus on systems thinking and organizational behavior)

Continued self-directed research in cybernetics, bioenergetics, and complexity science (1986–present)

Selected Projects & Frameworks

Years	Project / Framework	Impact / Description
2012–Present	New Age Cybernetics (NAC)	Foundational paradigm merging energy, semantics, governance, and education for multi-century resilience
2014–Present	PlayNAC Game Theory Engine (open-source)	Real-time equitable resource allocation and governance simulation engine (GitHub)
2015–Present	EarnedPath + PERC/BERC Codices	Adaptive merit + bio-energetic reputation system for education and social coordination
2024–2025	VERTECA Smart-City Framework	Comprehensive sustainable urban governance model with non-punitive protocols
Ongoing	AI-Augmented Sociocracy & Vacationomics	Exploring post-scarcity economic models and AI-mediated consensus systems

Selected Publications (2024–2025)

- "New Age Cybernetics: Empirical Real-Time Education System" (White Paper, 2024) – ResearchGate
- PlayNAC-KERNEL Technical Specification Series (2025) – GitHub + Medium
- "VERTECA: A 500-Year Smart-City Governance Architecture" (2025) – ResearchGate
- "Vacationomics and the Energy-Merit Economy" (Medium series, 2025)
- Multiple classification schemas (SEPLTA, JERC, PlayNAC Modules) – open access

Professional Philosophy

To guide humanity toward a dignified, adaptive, and ecologically coherent future by designing cybernetic architectures that honor energy integrity, human potential, and planetary limits across century-plus timescales.

Selected Speaking & Consulting Engagements

- U.S. Department of Homeland Security CIAO Symposium (2002)
- The Open Group & Internet Society conferences (2000–2005)
- Ongoing invited reviewer and collaborator with leading AI labs on governance and ethical systems design (2023–2025)

References & Verifiable Work

All frameworks, code repositories, and publications are publicly accessible:

- GitHub: /ERES-Institute-for-New-Age-Cybernetics
- ResearchGate: Joseph A. Sprute
- Medium: @josephsprute

Professional references and letters of collaboration available upon request.

Joseph A. Sprute

Bella Vista, Arkansas | December 2025