Machine Readable Inputs (Empirics) created-reflected by Aura Resonance Index

From Aura to Governance: Translating Bio-Electric Resonance into Sociocratic Data Streams

By Joseph A. Sprute, aka ERES Maestro and ChatGPT

September 1, 2025

---

1. Biometric & Bio-Electric Empirics

Direct resonance capture of the individual, environmental, and social state:

- **Kirlianograph signals** (aura imaging: voltage discharge patterns, corona profiles).

- **Fourier transforms of time-frequency data** (EEG, EKG, Schumann resonance correlations).

- **Munsell color codings** (mapped from aura spectra → standardized numerical color values).

- **Heart-Rate Variability (HRV)**, **Galvanic Skin Response (GSR)**, **Breath cycles**.

- **Voice resonance harmonics** (spectral fingerprints of utterances, Talonics mapping).

- **Sun-Earth-Moon field interaction signatures** (geomagnetic activity, solar flux, lunar tide influence).

---

2. Cognitive & Behavioral Empirics

How the user *acts, thinks, and learns* in EarnedPath:

- **QuestionAnswer ↔ AnswerQuestion logs** (semantic query-response loops, with Greenbox isolation).

- **Talonic keystroke/finger-activation patterns** (mapped A–Z Semantic Spiral empirics).

- **Speech-to-intent metadata** (voice commands parsed to resonance fields).

- **PlayNAC Game-Moves** (decisions in NAC Game Theory scored as vector data).

- **Self-reflection entries** (CWP: Cybernetic Witness Protocol – keystroke level journaling).

---

3. Social & Group Empirics

CBGMODD + User-GROUP SLA layering:

- **Transaction flows** (UBIMIA ledger inputs: UBI, Merit, Investments, Awards).

- **Resonance agreements** (CARE bond votes, Smart-City migration choices).

- **Conflict / harmony indices** (H2C ↔ C2H Resonance Conflict System logs).

- **Geo-social metadata** (location, migration intent, Smart-City zoning).

- **Non-Punitive Remediation markers** (how individuals choose restorative vs. punitive paths).

---

4. Environmental & Resource Empirics

How the outer world feeds into ARI via SOMT:

- **Energy cycle metrics** (REEP/REEPER for EMCI — relative energy equal pay events).

- **NBERS scores** (National Bio-Ecologic Resource Score inputs: air, water, soil health, resource flows).

- **GSSG substrate telemetry** (Green Solar-Sand Glass photovoltaic + graphene comms logs).

- **THOW/FDRV/HFVN telemetry** (housing, RVs, voice navigation movement).

- **Waste/recycling loops** (0-waste ICARA capture: Insect Catch-and-Release Apparatus logs).

---

5. Governance & Legal Empirics

How resonance feeds up to SOMT governance:

- **EPIR-Q adjudication metrics** (ethical evaluation: "Don't hurt yourself / others" compliance).

- **GAIA SOMT overlays** (federated Earth-level metadata on policies & sustainability).

- **Voting resonance weights** (cybernetic voting recorded as spectral + semantic input).

- **SECUIR trust checks** (isolation + validation of biometric signatures).

- **CARE Constitution clauses invoked** (record of constitutional shelter, food, sovereignty rights triggered).

In Machine-Readable Form

All of the above empirics can be normalized into:

- **Numerical vectors** (e.g., HRV = 0.82, NBERS = 72.3).

- **Spectral matrices** (Fourier + aura color → resonance fingerprint).

- **Categorical labels** (Munsell codes, user roles, EP milestones).

- **Event logs** (timestamped PlayNAC moves, Smart-City migration actions).

- **Distributed ledgers** (UBIMIA, GraceChain, Meritcoin).

- **Semantic graphs** (Talonic Semantic Spiral → NLP ontology nodes).

👉 In short:
 A complete **ARI ~ ERES SOMT** doesn't just create **health + aura data**. It outputs **cross-domain machine-readable empirics**: biometric vectors, cognitive logs, social contracts, environmental scores, and governance triggers — all timestamped, normalized, and ready for GAIA oversight.

Credits, References & License

Title: *ARI → ERES SOMT Machine-Readable Empirics Flow*

Credits

- **Author:** Joseph A. Sprute (ERES Maestro, ERES Institute for New Age Cybernetics)

- **AI Collaboration:** ChatGPT (OpenAI GPT-5)

- **Visualization:** Python (matplotlib, patches) — generated empiric flow diagram

- **Frameworks Referenced:**

    - ERES Institute: Empirical Realtime Education System (ERES EP)

    - ARI: Aura Resonance Index (Kirlian, Fourier, Munsell → biometric inputs)

    - SOMT: Sociocratic Overlay Metadata Tapestry (SEPLTA layering across History & Environment)

    - GAIA Oversight (App-Parent integration, federated governance metadata)

    - UBIMIA, GCF, NBERS (economic metrics and allocation formulas)

    - PlayNAC (New Age Cybernetics Game Theory kernel)
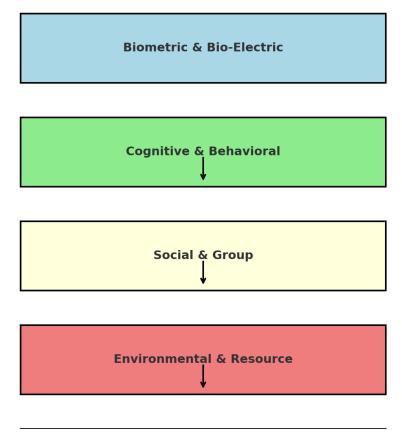
    - SECUIR, CBGMODD, User-GROUP SLA

References

1. Sprute, J.A. (2024–2025). *Civilization II: Enabling Vacationomics Among All People Alive.* Medium.
   https://medium.com/@josephasprute

2. Sprute, J.A. (2025). *ERES Projects – Public Index.* Substack.
   https://josephasprute.substack.com/p/eres-projects

3. Sprute, J.A. (2025). *ERES ARI Application Framework Draft.* Academia.edu.
   https://www.academia.edu/143717976/ERES_ARI_Application_Framework_Draft

4. Sprute, J.A. (2025). *ERES NAC Technical Reports & Proof-of-Work Repositories.* GitHub.
   https://github.com/josephsprute

5. ERES Institute (2012–2025). Internal development notes on PlayNAC, UBIMIA, SECUIR, GAIA, and Smart-City Migration.

License

This work is licensed under the **CARE Commons Attribution License v2.1 (CCAL)**.

- **You are free to:**

  - Share — copy and redistribute the material in any medium or format.

  - Adapt — remix, transform, and build upon the material for any purpose, even commercially.

- **Under the following terms:**

  - **Attribution:** Credit must be given to Joseph A. Sprute (ERES Institute) and AI collaborators (ChatGPT GPT-5).

  - **CARE Use Only:** All derivative works must preserve the CARE framework (Community, Actuation, Regeneration, Equity).

  - **Transparency:** Derivative works must disclose modifications and retain resonance with "Don't hurt yourself / Don't hurt others."

ARI → ERES SOMT Machine-Readable Empirics Flow

Biometric & Bio-Electric

Cognitive & Behavioral

Social & Group

Environmental & Resource

Governance & Legal