

Ozeon Open Science Charter

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1. Purpose and Status

Purpose

This Open Science Charter (the "Charter") is adopted as part of Ozeon's governance framework to establish the principles, commitments, and institutional standards governing the creation, use, stewardship, sharing, interpretation, and dissemination of knowledge within the Ozeon ecosystem.

This Charter is intended to ensure that scientific, educational, cultural, technical, and transdisciplinary knowledge practices within Ozeon are conducted in a manner consistent with Ozeon's mission, values, and public-interest commitments, including regenerative development, environmental stewardship, educational access, scientific integrity, community participation, and equitable knowledge sharing.

Status

This Charter shall serve as a governance instrument applicable across Ozean and its associated activities, programs, advisory functions, collaborations, and knowledge infrastructures.

Unless expressly stated otherwise in Ozean's governance documents, this Charter is normative and binding as an internal governance standard for all persons and bodies acting under Ozean's authority in matters involving knowledge production, stewardship, publication, curation, dissemination, or research-related collaboration.

Relationship to Other Governance Instruments

This Charter shall be read together with:

- Ozean's broader governance framework
- the Community-Aligned Artificial Intelligence Charter of Ethics
- the Ethical Guidelines for Daily DAO Use (Non-AI)
- any applicable scientific integrity, conflict of interest, participation, data stewardship, or treasury policies adopted by Ozean
- any role-specific advisory charters relevant to research, education, science, culture, technology, or governance

Where this Charter conflicts with applicable law, binding confidentiality obligations, or data protection obligations, those requirements shall prevail to the extent of the inconsistency.

2. Mission Alignment

General Commitment

Ozean affirms that open science is not merely a publishing preference, but a foundational institutional commitment concerning how knowledge is generated, validated, shared, preserved, and used in service of the public interest.

Ozean recognizes that knowledge relevant to ocean health, climate resilience, regeneration, sustainable development, culture, education, and community wellbeing should, wherever appropriate, be made more accessible, transparent, reviewable, and socially useful.

Regenerative and Public-Interest Orientation

Open science within Ozean shall be practiced in a manner that supports:

- ecological regeneration and environmental responsibility
- educational accessibility and knowledge equity
- scientific rigor and methodological integrity
- meaningful participation by diverse communities and contributors
- responsible collaboration across disciplines, sectors, and geographies
- and long-term stewardship of knowledge as a shared public good

Transdisciplinary Scope

Ozeon recognizes that relevant knowledge may arise from multiple domains, including but not limited to:

- natural and environmental sciences
- climate and sustainability research
- ocean science and ocean literacy
- education and learning sciences
- design, culture, media, and the arts
- digital systems, governance, and technology
- economics, regenerative finance, and institutional design
- and local, place-based, community-held, and practice-based knowledge

3. Foundational Principles of Open Science

Accessibility

Knowledge produced, supported, hosted, curated, or disseminated through Ozeon should, where reasonably possible and ethically appropriate, be made accessible in forms that are understandable, discoverable, and usable by relevant audiences.

Transparency

Research processes, methodologies, sources, assumptions, limitations, and provenance should be documented to a degree proportionate to the nature and significance of the work, so as to enable review, accountability, and informed reuse.

Scientific Integrity

Open science shall not dilute standards of rigor. Openness must remain consistent with methodological care, honest uncertainty, source fidelity, and responsible interpretation.

Equity and Inclusion

Open science within Ozeon shall seek to reduce unjust barriers to participation, access, authorship, attribution, and benefit-sharing, particularly for underrepresented, less-resourced, or historically marginalized communities and contributors.

Respect for Knowledge Diversity

Ozeon affirms that scientific knowledge exists alongside community knowledge, local knowledge, cultural knowledge, educational practice, and other valid forms of insight. Open science within Ozeon shall not be interpreted as license to erase context, hierarchy of consent, or legitimate stewardship claims over knowledge.

Responsible Sharing

Ozeaton supports openness, but not indiscriminate disclosure. Knowledge-sharing must remain consistent with privacy, safety, ecological sensitivity, legal obligations, cultural context, and ethical stewardship.

Collaboration

Open science should strengthen constructive collaboration across institutions, disciplines, communities, and sectors, and should help reduce unnecessary silos, opacity, and exclusion.

Accountability

Persons acting under Ozeaton's authority in research, publication, knowledge curation, and evidence-based communication shall remain accountable for the accuracy, integrity, and responsible use of the knowledge they produce or circulate.

Stewardship and Continuity

Knowledge is to be treated not as disposable output, but as a shared institutional resource requiring careful preservation, attribution, contextualization, and long-term stewardship.

4. Institutional Commitments

Commitment to Open and Responsible Knowledge Practices

Ozeaton shall promote open and responsible knowledge practices across its work, including where relevant:

- accessible publication and dissemination
- transparent source attribution and provenance
- structured metadata and discoverability
- public-facing explanation of complex knowledge where appropriate
- preservation of records and institutional memory
- and responsible use of open licenses or sharing mechanisms where appropriate

Commitment to FAIR-Oriented Practice

Where relevant and feasible, Ozeaton shall support knowledge and data practices that are findable, accessible, interoperable, and reusable, while recognizing that such goals must be balanced with ethical, legal, ecological, and community-based constraints.

Commitment to CARE-Informed Respect

Where knowledge relates to communities, cultural heritage, collective rights, or place-based and indigenous contexts, Ozeaton shall proceed with heightened ethical care and shall not treat openness as overriding legitimate claims of stewardship, context, consent, or collective governance.

Commitment to Educational Usefulness

Ozeon recognizes that knowledge should not only be open, but also meaningfully usable. Where possible, Ozeon shall support formats, summaries, contextual materials, and learning pathways that help broader audiences engage with complex material responsibly.

Commitment to Public Understanding

Ozeon shall seek to communicate scientific and transdisciplinary knowledge in ways that are accurate, accessible, non-manipulative, and proportionate to the available evidence.

5. Scope of Application

This Charter applies, where relevant, to:

- research activities conducted, commissioned, supported, or represented by Ozeon
- educational resources developed, hosted, or curated by Ozeon
- public knowledge outputs, including articles, reports, explainers, toolkits, and similar materials
- collaborative research or knowledge partnerships involving Ozeon
- data, metadata, documentation, and knowledge records maintained under Ozeon's authority
- community-informed and transdisciplinary knowledge activities supported by Ozeon
- and digital platforms, repositories, and infrastructures used by Ozeon for knowledge-sharing and stewardship

6. Standards for Knowledge Creation and Stewardship

Source Integrity and Attribution

Knowledge outputs should, where appropriate, identify relevant sources, contributors, methods, and context. Attribution shall be given fairly and responsibly.

Ozeon shall discourage plagiarism, unattributed appropriation, false claims of authorship, and erasure of contributing persons or communities.

Provenance and Documentation

Where knowledge is used in scientific, educational, governance, or strategic contexts, Ozeon should maintain records sufficient to identify:

- source origin
- authorship or contribution
- date or version where relevant
- methodological basis where applicable
- and known limitations or uncertainty

Context Preservation

Knowledge shall not be stripped of relevant context in ways that materially distort its meaning, implications, or ethical status.

Versioning and Traceability

Material changes to significant knowledge outputs, datasets, frameworks, or guidance should be documented in a way that supports traceability, institutional memory, and review.

Preservation

Ozeon should maintain reasonable systems for preserving significant knowledge outputs and supporting continuity across time, personnel changes, and governance evolution.

7. Participation, Recognition, and Knowledge Justice

Inclusive Participation

Ozeon shall seek, where appropriate, to create conditions for broader and more meaningful participation in knowledge production, review, and dissemination.

This includes attention to barriers relating to:

- geography
- language
- institutional access
- technical literacy
- educational privilege
- financial constraints
- and visibility within dominant systems of recognition

Recognition of Contributors

Contributors to research, educational resources, community knowledge processes, and collaborative outputs should receive fair acknowledgment consistent with the nature of their contribution and any applicable agreements.

Protection Against Extractive Knowledge Practices

Ozeon shall not support extractive knowledge practices that appropriate value, insight, authorship, data, or cultural meaning from communities or collaborators without fair recognition, ethical engagement, or legitimate authority.

Respect for Community and Indigenous Knowledge

Where community-held, local, traditional, or indigenous knowledge is involved, Ozeon shall act with care, humility, and respect for context, consent, stewardship, and cultural integrity.

8. Boundaries to Openness

General Principle

Ozeon supports openness by default where justified, but recognizes that not all knowledge should be fully open in all circumstances.

Legitimate Grounds for Restriction

Restriction, partial restriction, delayed release, or controlled access may be appropriate where openness would:

- violate privacy or data protection obligations
- disclose confidential or legally protected information
- expose sensitive ecological locations, species, habitats, or environmental vulnerabilities
- misappropriate protected community, cultural, or indigenous knowledge
- create security, misuse, or exploitation risks
- compromise legitimate collaborative trust
- or otherwise conflict with Ozeon's ethical duties

Duty to Justify Restriction

Where knowledge is withheld, restricted, or not fully disclosed, Ozeon should, where reasonably possible, document the basis for that decision.

9. Relationship to Technology and Artificial Intelligence

Technology as Support Infrastructure

Digital systems may be used to support discoverability, curation, archiving, translation, synthesis, or structured access to knowledge, provided such use remains aligned with Ozeon's ethical and governance commitments.

Relationship to Artificial Intelligence

Where AI is used in connection with knowledge production, synthesis, analysis, summarization, or dissemination, such use shall remain subject to the Community-Aligned Artificial Intelligence Charter of Ethics.

Open science shall not be interpreted to justify:

- fabricated citations or sources
- decontextualized synthesis presented as authoritative fact
- ingestion or repurposing of protected knowledge without proper basis
- or replacement of accountable scientific or community judgment by automated output

10. Responsibilities of the Advisory Board and Advisory Structures

Advisory Board Responsibility

The Ozeon Advisory Board and future governance structures shall support the implementation of this Charter and help ensure that Ozeon's knowledge practices remain mission-aligned, ethically grounded, and institutionally credible.

Advisory Contribution

Advisors across relevant domains may contribute to the interpretation and development of this Charter, including in matters relating to:

- scientific rigor
- educational accessibility
- cultural stewardship
- community participation
- digital governance
- regenerative economics
- and sustainability and environmental responsibility

Shared Responsibility

Open science within Ozeon is a shared institutional responsibility and shall not be treated as the exclusive domain of any single advisor, committee, or technical function.

11. Implementation and Operationalization

Supporting Policies and Procedures

Ozeon may adopt supporting policies, protocols, and frameworks to give effect to this Charter, including in relation to:

- scientific integrity
- publication standards
- authorship and attribution
- open licensing
- data stewardship
- repository and metadata standards
- review and approval processes
- and ethical handling of sensitive knowledge

Review of Outputs

Significant public-facing knowledge outputs may, where appropriate, be subject to editorial, scientific, educational, ethical, or advisory review proportionate to their significance and risk.

Capacity Building

Ozeon may support education, training, and guidance to strengthen open science literacy, responsible knowledge-sharing, and transdisciplinary collaboration across the Ozeon ecosystem.

12. Enforcement and Safeguards

General Principle

Compliance with this Charter shall form part of Ozeon's governance expectations in relation to knowledge production, stewardship, publication, and dissemination.

Corrective Measures

Where material departure from this Charter is identified, Ozeon may take appropriate corrective action, including:

- request for clarification, correction, or revision
- withdrawal or amendment of a knowledge output
- suspension of publication or dissemination
- requirement for attribution correction or disclosure
- restriction of access to Ozeon's knowledge systems or collaboration channels
- or referral to the relevant governance authority for further review

Protection Against Misuse

Ozeon may impose reasonable safeguards to protect against plagiarism, misinformation, extractive use of community knowledge, misuse of data, false scientific claims, or other conduct materially inconsistent with this Charter.

13. Review and Amendment

This Charter may be reviewed and amended by Ozeon in accordance with its governance procedures in order to reflect:

- operational experience
- institutional development
- changes in law, standards, or best practice
- scientific and technological change
- community consultation
- or the need for greater clarity, accountability, or mission alignment

Material amendments should be documented transparently within Ozeon's governance records.

14. Contact

For questions about this Open Science Charter: legal@ozeaon.com

Inspiring regenerative innovation for a sustainable future
through Open Science, Crowdfunding, and Transparency.

