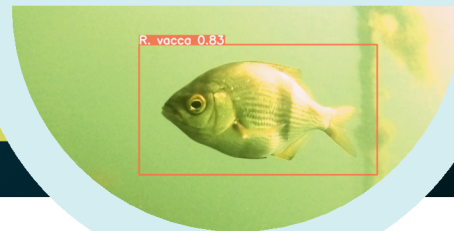


Resource Management & Conservation



What is OceanNexus™?

MONITORING YOU CAN COUNT ON.

OceanNexus™ is a SaaS analytics platform that turns video into automated, data-rich assessments of aquatic life and habitat conditions.

The problem it solves

- Diver/ROV surveys are costly, weather-limited, typically infrequent, and miss most mobile, invasive, and endangered species.
- Biodiversity reporting needs standardized, comparable monitoring over time; so change is defensible.
- Communities and managers need visuals and plain-language insights, not just raw data.

Core value

- **Know your waters:** build a defensible baseline for any visible taxa and see fine-scale change over time.
- **Prove your impact:** before/after evidence for disturbance, mitigation, and recovery.
- **Lower cost, higher coverage:** consistent monitoring without diver risk or interruptions.
- **Defensible reporting:** audit-ready evidence with confidence scoring and traceable imagery.

Book a demo: cnbs@cascadiaseaweed.com

Designed for stewards

- User-owned, user-controlled monitoring. Data sovereignty in action for Indigenous Stewards.
- Built-in review tools support integration of local and traditional knowledge in species identification.
- Clear visuals and story-ready outputs for citizens, Elders, youth, industry and academic partners, government.
- Early adopter benefit: configure indicators, thresholds, and reporting views to match your priorities (where feasible).

Marine industry? Ask for our Marine Industry flyer!

Where it's used

- **Adaptive management:** marine stewardship, community marine use plans, conservation (IPCA/MPA).
- **Restoration programs:** track recovery and outcomes.
- **Coastal infrastructure:** transparent monitoring for regulatory compliance.
- **Ecosystem co-management:** shared information for shared decision making with marine industry operating in local waters (ports, clean energy).
- **Early warning:** invasive species and unusual changes.
- **Guide monitoring investment:** find hotspots, trends, and gaps to focus effort.

What you get each month

- **Biodiversity metrics** + updated trends on chosen taxa
- **Habitat and water-quality:** temperature, salinity, turbidity, chlorophyll (as required, where available).
- **Report-ready insight** for decisions & communication.
- **Detection alerts** for invasive or endangered taxa.
- **Maps + GIS-ready exports** for your preferred platform.
- **Interactive insight:** Select time periods to explore.

You are in control

OceanNexus™ is not a black box.

Drill down from dashboards to source imagery to verify what's being reported.

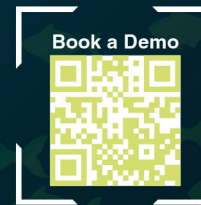
- ✓ **Confidence score** included with every detection.
- ✓ **Verify detections** against the original imagery.
- ✓ **Optional review:** prioritize taxa, flag unknowns.
- ✓ **Accuracy improves over time:** as desired.

In your reporting language

- Dashboards can be configured to common or custom formats (e.g., MPA/IPCA reports, national habitat/fisheries reporting, national biodiversity strategies, SDGs, TNFD, internal management targets).

Ask us how: cnbs@cascadiaseaweed.com

How does OceanNexus™ work?



1

LookSea™ FishCams (data capture)

Programmable underwater cameras capture video at set intervals (e.g., 5 minutes, hourly) and store locally. Upload for processing.

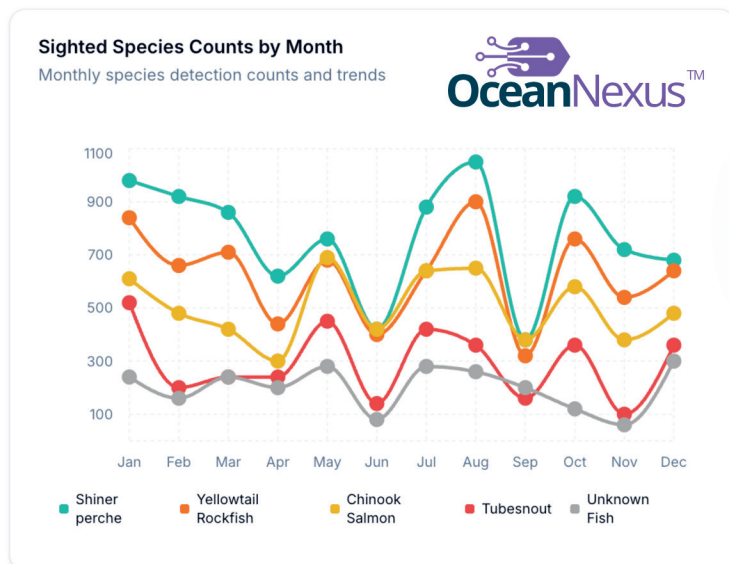
- **Autonomous** and repeatable.
- **Passive monitoring:** stationary, silent devices eliminate wildlife disturbance and improve repeatability over time.
- **Scales across sites and seasons:** a time-lapse rather than a snapshot.

2

OceanNexus™ platform (data analysis)

AI-powered object detection and machine learning classify taxa and estimate abundance, then combine video insights with environmental parameters (local sensors, as relevant).

- **Data processed and updated monthly** for a continuous picture of change.
- **Dashboards display insight** in maps, time series, alerts, and reports.



About the team: OceanNexus™ is built by Cascadia Nature-based Solutions (CNbS), combining marine ecology, AI, and real-world deployment experience. CNbS is a division of Cascadia Seaweed Corp. **Ask us about pilots and reporting formats.**

Why not just dive?

OceanNexus™ delivers continuous, comparable evidence across time and conditions—at lower cost and operational risk. Dive and ROV transects deliver costly snapshots. OceanNexus™ delivers a high-quality, economical time-lapse.

- **More locations, more often**, regardless of sea state.
- **Better coverage** of mobile taxa (like fish).
- **Reduces cost & liability** vs. frequent dive ops.

Try OceanNexus™

Early adopter benefits include...

- ✓ **Dashboard tailoring:** configure indicators, thresholds, and reporting views to match your priorities (where feasible).
- ✓ **Preferred pilot terms:** early access, hands-on onboarding, and priority support during the pilot period.
- ✓ **Funding support:** CNbS can co-write grant applications to help subsidize monitoring for eligible stewardship and NGO partners.

Partner with us

Help make OceanNexus™ accessible to all!

- ✓ **Camera-agnostic pilots:** we can analyze your existing underwater video (not just LookSea™) as a pilot.
- ✓ **Trial deployments welcome:** Especially with Indigenous stewards, community groups, NGOs, and marine & climate learning/advocacy orgs. Deploy a camera and display the results in your classroom, local aquarium, or community space!
- ✓ **International conservation and impact pilots welcome:** OceanNexus™ is designed to operate in diverse coastal contexts. We support projects in emerging and under-resourced regions, with local context and value-chain know-how.

Let's connect: cnbs@cascadiaseaweed.com

Questions? Book a demo:
cnbs@cascadiaseaweed.com



Cascadia
Nature-based Solutions

Know more. Do better.
For people and the planet.