

www.vigilife.org

vigilife

GLOBAL LIFE
OBSERVATORY



Official launch

of the Global Life
Observatory

An alliance for the knowledge,
monitoring and protection of living
organisms through technological
innovations including environmental DNA



UICN
CONGRÈS
MONDIAL DE LA
NATURE
Marseille
PARTENAIRE



1 SEPTEMBER 2021

PRESS RELEASE

Official launch 3 september 2021 on the occasion of the IUCN world nature Conservation Congress

VIGILIFE : A global partnership platform that puts innovation at the service of knowledge, monitoring and protection of life, is officially launched at the IUCN world Conservation Congress

Biodiversity is being eroded at an ever-increasing rate, with ever greater impacts on the planet. Because the living conditions for living beings, including humans, are threatened, **a group of actors - from research, technological innovation and environmental management - has decided to mobilise their expertise and efforts in favour of the knowledge, monitoring and protection of living organisms.**

The mission of the Vigilife Alliance is to put innovation at the service of knowledge and the protection of life.

The first technology deployed within the Alliance is environmental DNA allowing the detection of organisms from DNA traces in environmental samples (e.g. soil, water). After more than 10 years of Research & Development efforts to offer territorial stakeholders the most effective analysis methods in the field (recognised by the international scientific community thanks to more than 50 scientific publications and tested on an international scale via numerous scientific expeditions), the Alliance's objective is to deploy and consolidate large-scale biodiversity monitoring networks, in particular by transferring technologies to its members, in order to improve knowledge and strengthen actions to protect terrestrial, aquatic and marine ecosystems, in particular through the «Sentinel rivers» and «Sentinel marine areas» programmes.

Vigilife is a platform that encourages the development of scientific, technological and applied cooperation for the benefit of territories and their biodiversity conservation policies.

The Vigilife alliance is based on the commitment of actors from public institutions, companies, non-governmental organisations and scientific research, a list of which can be found on the website vigilife.org

From 3 to 11 September 2021, France will host the World Conservation Congress organised by the International Union for Conservation of Nature (IUCN) in Marseille. This is the largest international event in the field of biodiversity, bringing together more than 170 countries and more than 1,400 civil society organisations around this theme. This large-scale event is also a precursor to the fifteenth Conference of the Parties (COP15) of the Convention on Biological Diversity (CBD) which will be held in China in 2022.

1 SEPTEMBER 2021
PRESS RELEASE

VIGILIFE AT THE WORLD CONSERVATION CONGRESS



Vigilife is Bronze SPONSOR of the IUCN Congress

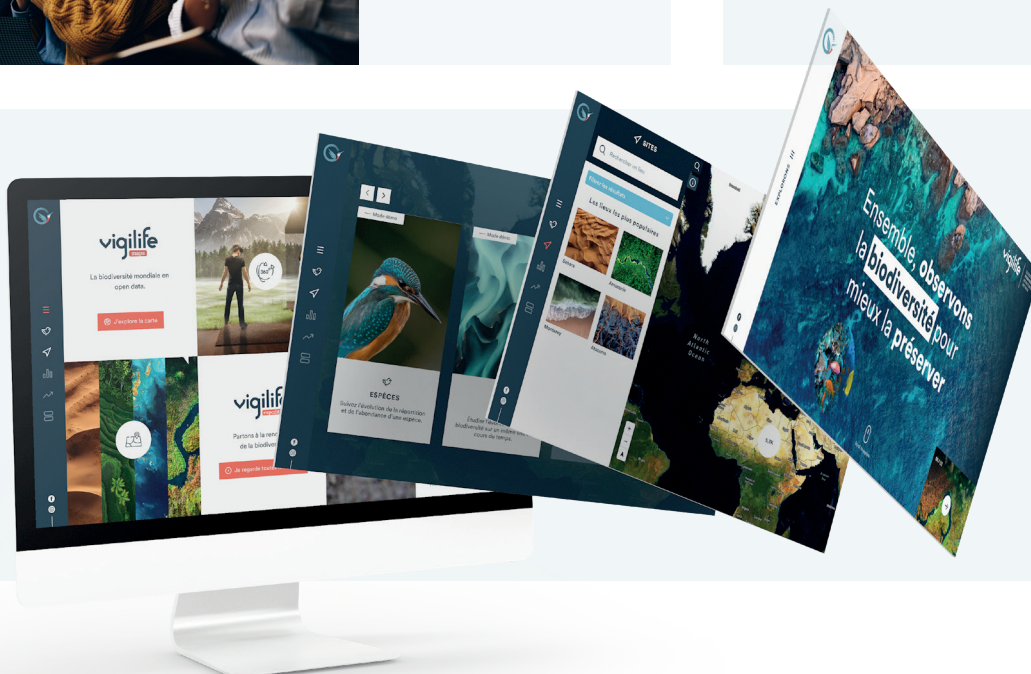


International distribution of the magazine Vigilife Mag



Thematic events during the Forum

Stand located in the main exhibition area of the Congress F10 - F11




Launch of the website www.vigilife.org


1 SEPTEMBER 2021
PRESS RELEASE


VIGILIFE'S 4 THEMATIC EVENTS AT THE WORLD CONSERVATION CONGRESS

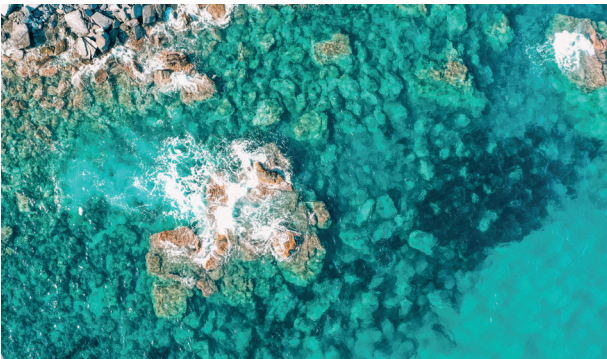


**Presentation of the technology
«environmental DNA»**


 **6 sept. 2021 – 4 pm**


 **Room H8-1 Perche**


 **English**



Program «Sentinel marine areas»

 **4 sept. 2021 – 6.30 pm**


 **Salle H8-1 Perche**

 **English / French**



Program «Sentinel Rivers»


 **7 sept. 2021 – 2.30 pm**

 **Salle RéImagine – Pavillon France**

 **French**



Vigilife Press Conference

 **English / French**

1 SEPTEMBER 2021
PRESS RELEASE

PRESENTATION OF THE « ENVIRONMENTAL DNA » TECHNOLOGY



Qui sommes-nous ?
Une plateforme multi-acteurs pour le développement de la coopération internationale scientifique, technologique et appliquée.
A multi-actor platform for the development of international scientific, technological and applied cooperation.

NOTRE MISSION :
Mettre l'innovation au service de la connaissance et de la protection du vivant.
Put innovation to the service of knowledge and the protection of life.

Une technologie innovante basée sur l'ADN environnemental
An innovative technology based on environmental DNA.

Des méthodes standardisées, rapides, performantes, et complémentaires aux méthodes traditionnelles d'observation.
Standardized, fast, efficient methods, complementary to traditional observation methods.

Une alliance fondée sur la science au service des territoires
A science-based alliance for the benefit of the territories.

La biodiversité mondiale en Open Data
Global biodiversity in Open Data.

Des données d'écologie standardisées qui alimentent les banques de données nationales et internationales dont la plateforme Vigilife Maps, en accord avec les directives et le protocole de Nagoya.
Standardized ecological data that feed national and international data banks, including the Vigilife Maps platform, in accordance with the Nagoya Protocol.

Des technologies rapidement déployables à grande échelle
Technology that can be implemented rapidly on a large scale.

Un répertoire de compétences agiles vers les territoires grâce à des intervenants qui participent à la planification et à la mise en œuvre, ainsi que la prestation de services et de la formation.
An agile repertoire of competencies towards territories thanks to intervenors who participate in planning and implementation, as well as the provision of services and training.

www.vigilife.org

PRESENTATION OF THE « ENVIRONMENTAL DNA » TECHNOLOGY

6 sept. 2021 – 4 pm – Room H8-1 Perche

This session will present the «environmental DNA» technology, demonstration of its use in various ecosystems, and the objectives of the Vigilife Alliance for the deployment of its new technologies to consolidate the global observation of life.

INTERVENANTS :

Arnaud Collin, Vigilife Consortium, Secretariat

Loïc Pellissier, Prof. Dr, Dep. of Environmental Systems Science, ETH Zurich & WSL

Manuel Lopes Lima, Dr, Coordinator of the Red List Authority on Freshwater Bivalves, SSC, IUCN, CIBIO/InBIO, Portugal

David Mouillot, Prof. Dr, University of Montpellier, MARBEC

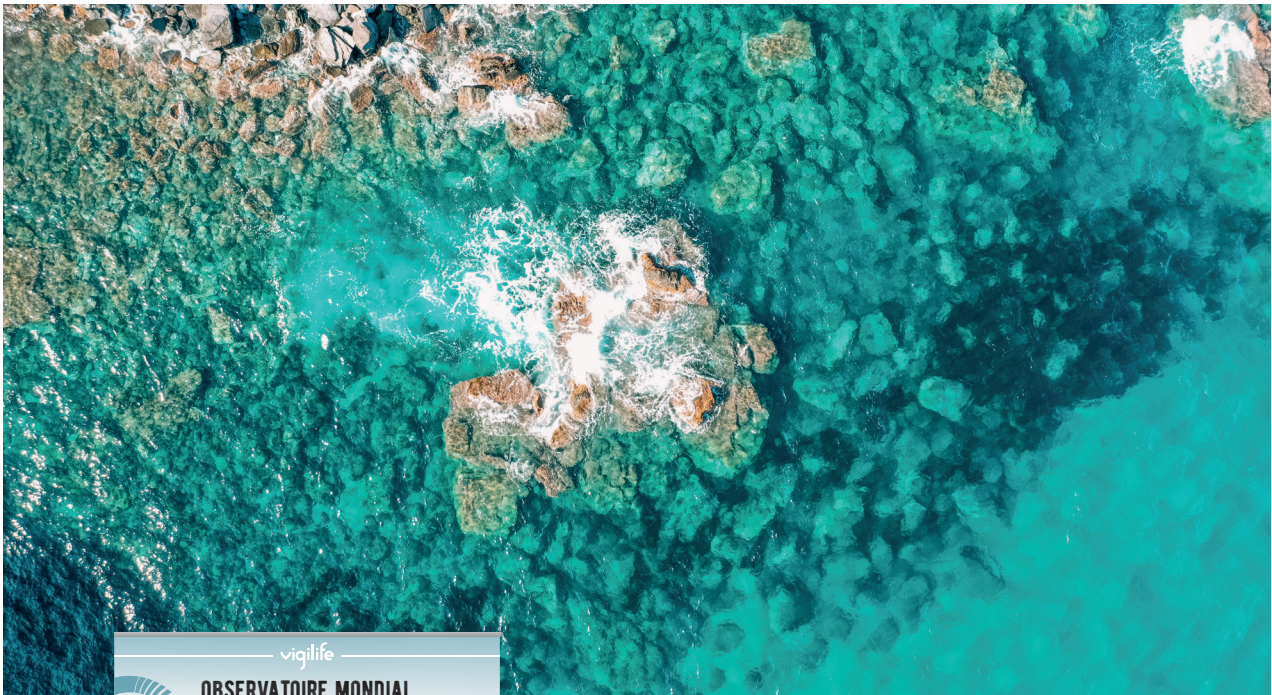
Arnaud Lyet, Dr. Senior Wildlife Scientist, WWF US

Captain Francisco A. ARIAS-ISAZA, Director General, INVEMAR, Colombie

Kakemono to discover on the Vigilife stand F10 - F11

1 SEPTEMBER 2021
PRESS RELEASE

THEMATIC SCIENTIFIC PROGRAMMES



OBservatoire MONDIAL DU VIVANT
// GLOBAL LIFE OBSERVATORY //

QUI SOMMES-NOUS ?
Une plateforme multi acteurs pour le développement de la coopération internationale scientifique, technologique et appliquée à multiples échelles spatiales et temporelles pour le suivi de l'état de santé des écosystèmes et la préservation de la biodiversité.

NOTRE MISSION :
Mettre l'innovation au service de la connaissance et de la protection du vivant.

Programmes sentinelles
Mieux connaître pour mieux protéger

Des programmes scientifiques permettant de structurer la coopération entre les territoires autour d'une thématique, afin de déployer ou de consolider des réseaux de surveillance pérennes des écosystèmes.

Des programmes fondés sur la science au service des territoires

+50 articles scientifiques publiés dans des revues internationales

Des dizaines d'études et d'expériences scientifiques réalisées à travers le monde pour valider les technologies déployées dans le cadre de ces programmes sentinelles.

Fleuves sentinelles

Aires Marines Protégées sentinelles

www.vigilife.org

SENTINEL MARINE AREAS PROGRAMMES

4 sept. 2021 – 6.30 pm – Room H8-1 Perche

This session will present the results obtained during the last years on the use of eDNA for monitoring biodiversity in coastal and marine ecosystems, as well as the prospects for strengthening monitoring networks in these environments based on the use of eDNA technologies.

INTERVENANTS :

Arnaud Collin, Vigilife Consortium, Secretariat

David Mouillot, Prof. Dr, University of Montpellier, MARBEC

Emilie Boulanger, University of Montpellier, MARBEC

Virginie Marques, University of Montpellier, CEFE

Pierre Boissery, Agence de l'Eau Rhône-Méditerranée-Corse

Kakemono to discover on the Vigilife stand F10 - F11

1 SEPTEMBER 2021
PRESS RELEASE

THEMATIC SCIENTIFIC PROGRAMMES



viqilife
OBSERVATOIRE MONDIAL DU VIVANT
// GLOBAL LIFE OBSERVATORY //

QUI SOMMES-NOUS ?
Une plateforme multi acteurs pour le développement de la coopération internationale scientifique, technologique et appliquée à multi échelles, ouverte à tous et favorisant le partenariat et le transfert de technologie et d'innovation.

NOTRE MISSION :
Mettre l'innovation au service de la connaissance et de la protection du vivant.

Programmes sentinelles
Mieux connaître pour mieux protéger

Des programmes scientifiques permettant de structurer la coopération entre les territoires autour d'une thématique, afin de développer ou de consolider des réseaux de surveillance pérennes des écosystèmes.

Des programmes fondés sur la science au service des territoires

+50 articles scientifiques publiés dans des revues internationales

Des dizaines d'études et d'applications scientifiques réalisées à travers le monde pour valider les technologies déployées dans le cadre de ces programmes sentinelles

Fleuves sentinelles

Aires Marines Protégées sentinelles

www.vigilife.org

« SENTINEL RIVERS » PROGRAMMES

7 sept. 2021 – 2.30 pm – RéImagine room
– Pavillon France

This session will present the main results obtained in Research & Development for monitoring the biodiversity of river ecosystems using eDNA, as well as the «Sentinel Rivers» programme and its application projects on a global scale.

INTERVENANTS :

Franck Pressiat, Compagnie Nationale du Rhône (CNR)

Arnaud Collin, Vigilife Consortium, Secretariat

Elisabeth Ayrault, Présidente, Compagnie Nationale du Rhône (CNR)

Erik Orsenna, Président, Initiatives pour l'Avenir des Grands fleuves (IAGF)

Vincent Prié, Directeur de projet « Fleuves sentinelles », SPYGEN

Kakemono to discover on the Vigilife stand F10 – F11

1 SEPTEMBER 2021
PRESS RELEASE

VIGILIFE PRESS CONFERENCE



vigilife
OBSERVATOIRE MONDIAL DU VIVANT
// GLOBAL LIFE OBSERVATORY //

QUI SOMMES-NOUS ?
Une plateforme multi-acteurs pour le développement de la coopération internationale scientifique, technologique et appliquée
A multi-actor platform for the development of international scientific, technological and applied cooperation

NOTRE MISSION :
Mettre l'innovation au service de la connaissance et de la protection du vivant
Put innovation at the service of knowledge and the protection of life

NOS VALEURS FONDATRICES
// OUR FOUNDING VALUES //

- INNOVATION // INNOVATION //
- EVIDENCE // STRENGTH //
- PARTAGE // SHARING //
- ENGAGEMENT // COMMITMENT //

NOS OBJECTIFS
// OUR GOALS //

- EXCELLENCE // EXCELLENCE //
- INNOVATION // INNOVATION //
- COMPLÉMENTARITÉ // COMPLEMENTARITY //
- FORCES // STRENGTHS //
- QUALITÉ // QUALITY //
- SÉRIOSITÉ // SERIOUSNESS //
- VALORISATION // VALUATION //
- PÉRIODICITÉ // PERIODICITY //

L'innovation technologique au service de la mise en œuvre des politiques publiques pour la préservation du vivant
Technological innovation to support the implementation of public policies for the preservation of life

Un développement de la coopération étape par étape selon les besoins des partenaires
A step-by-step development of cooperation according to the needs of the partners

www.vigilife.org

VIGILIFE, A PLATFORM FOR THE COOPERATION BETWEEN ACTORS

This session will present Vigilife, as an international platform to support scientific, technological and applied cooperation between partners based on eDNA technology.

Kakemono to discover on the Vigilife stand F10 - F11

1 SEPTEMBER 2021
PRESS RELEASE

Find out more:

www.vigilife.org

Official launch of the website on 3 September 2021

CONTACT :

Arnaud COLLIN

Secrétariat, Préfiguration de Vigilife

contact@vigilife.org

Téléphone : + 33 6 71 66 33 94

Thank you for your interest!

A stylized bird logo composed of overlapping geometric shapes in shades of blue, white, and red. The bird is facing right, with a long, pointed beak. The background is a dark teal color with a subtle, repeating pattern of the bird's head.

vigilife

Stay informed and join us on :

Twitter : @VIGILIFEeDNA

LinkedIn : vigilifeinternational

Instagram : vigilifeinternational

Partners working with Vigilife for the IUCN World Conservation Congress:



ETH zürich



alkios

