

# CLIMATE CHANGE AND DEFENSE: A NATIONAL AND INTERNATIONAL ROADMAP

## *THE CLIMATE SECURITY NEXUS*

BRUSSELS 24 OCTOBER, 2019

Dr. Nicolas REGAUD, Special Representative to the Indo-Pacific  
Directorate General for International Relations and Strategy  
French Ministry for the Armed Forces





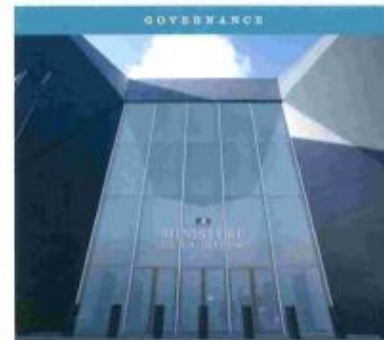
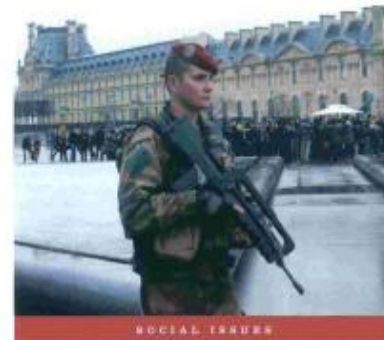
## DEFENSE IS COMMITTED FOR SUSTAINABILITY

The Ministry of Defence, through its mission of intervention and protection to ensure citizen safety, territorial integrity, and French interests in the world, is at the heart of social issues in France and as such carries special responsibilities:

- a **key social role** for the security of citizens and territories, through the integration, promotion, equal opportunities, dissemination of civic values;
- a **considerable economic force** which contributes to the competitiveness and sustainability of French industry and promotes dynamism and innovation;
- a **leading environmental responsibility**, through ecodesigning defence equipment, ensuring energy efficiency and infrastructure, and embracing the preservation and protection of ecosystems, both at home and in other theatres where French forces could be involved.

To keep elaborating an ambitious and responsible contribution to public policy, the Defence has been bringing renewed impetus to the work already undertaken, through **the Ministerial declination of the national ecological transition strategy towards sustainability**.

**Myriam Achari**  
Senior official for sustainability



# DEFENCE SUSTAINABLE STRATEGY

2016 > 2020

Synthesis



DEFENCE SUSTAINABLE STRATEGY 2016 - 2020 **Synthesis**

Publication manager - FÉLIXE HOUËL, Director for History, Heritage and Memory (SGA/DMH)

Executive editor - NÉLSON PERRET (SGA/DMH)

Communication project manager - CHARLOTT PÉTISSANT (SGA/DMH) - AD / Graphic Designer - D. PÉRISSIER (SGA/DMH)

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Printing - RT (SGA/DMH) - Illustration - L. BOUËZ - © SGA/DMH - Designer SGP



**L'Eco-Camp 2025**  
est une réponse  
optimisée et adaptée  
aux besoins des  
forces tout en limitant  
au maximum l'impact  
sur l'environnement.








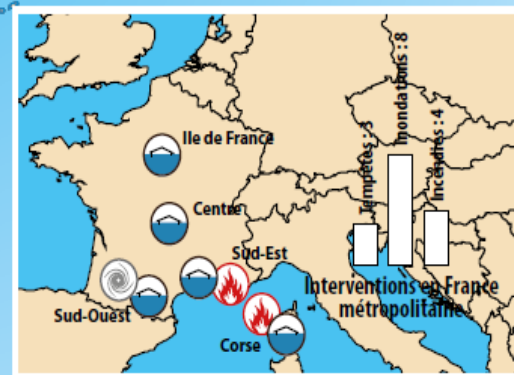
# Interventions humanitaires des forces armées françaises / French armed forces humanitarian interventions

Depuis 2007 / Since 2007



## LÉGENDE / KEY

-  Cyclones/Tempêtes  
Cyclons/Storms
-  Incendies  
Fires
-  Inondations  
Floods



# 1ST INTERNATIONAL CONFERENCE ON CC AND DEFENCE – PARIS, 14 OCTOBER 2015



**International conference of defence ministers and senior representatives**

## The implications of climate change for Defence

October 14th 2015, Paris - Ecole militaire

A graphic illustration featuring a hand in a military uniform pointing towards a central sun icon. Surrounding the sun are several hexagonal icons representing different aspects of climate and defense: a jet airplane, a globe, a wind turbine, a person walking, and a house with solar panels. The background is dark blue with a faint world map.

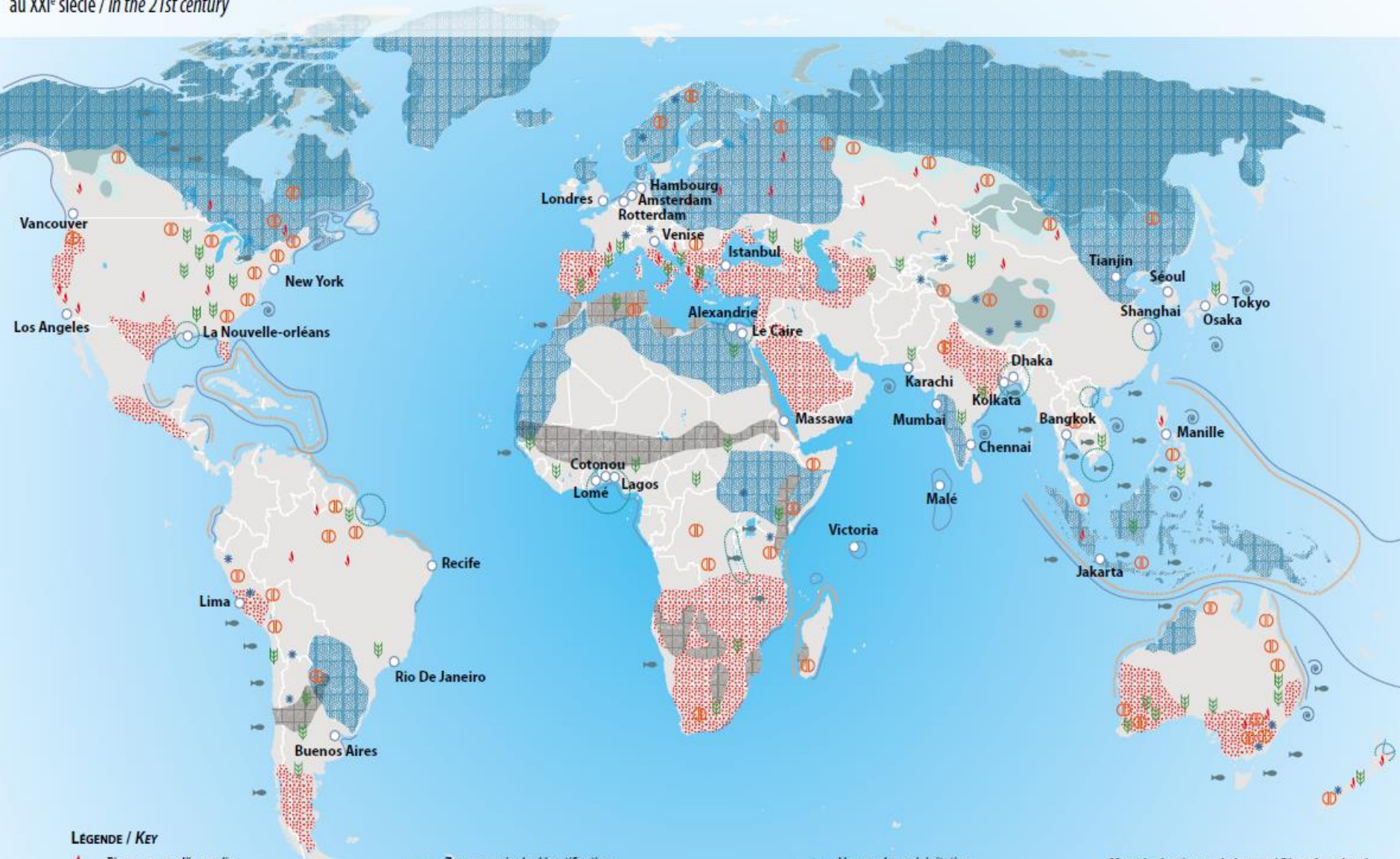
Proceedings online:  
<https://lc.cx/Zvze>





# Impacts probables des changements climatiques / Likely impacts of climate change

au XXI<sup>e</sup> siècle / in the 21st century



## LEGENDE / KEY

- |   |   |   |   |
|---|---|---|---|
|  Risque accru d'incendie<br>Increased risk of fire                 |  Zone en voie de désertification<br>Desertifying areas                         |  Hausse des précipitations<br>Increasing rainfall                              | <b>Montée du niveau de la mer / Rise of sea level</b>   |
|  Pergélisol amené à fondre d'ici à 2050<br>Permafrost loss by 2050 |  Dégradation des ressources halieutiques<br>Degradation of fisheries resources |  Baisse des précipitations<br>Decreasing rainfall                              |  Principales zones concernées<br>Main areas impacted     |
|  Pergélisol en 2050<br>Permafrost in 2050                          |  Biodiversité menacée<br>Threatened biodiversity                               |  Détérioration des systèmes agricoles<br>Deterioration of agricultural systems |  Principales villes touchées<br>Main cities affected     |
|  Fonte des glaciers<br>Melting of glaciers                         |  Activité cyclonique accrue<br>Increased cyclonic activity                     |  Blanchiment et disparition du corail<br>Coral bleaching and disappearance     |  Zone de delta très affectée<br>Delta area very affected |

# Bar-tailed godwit program

## Understand nature to anticipate climate-change-related hazards

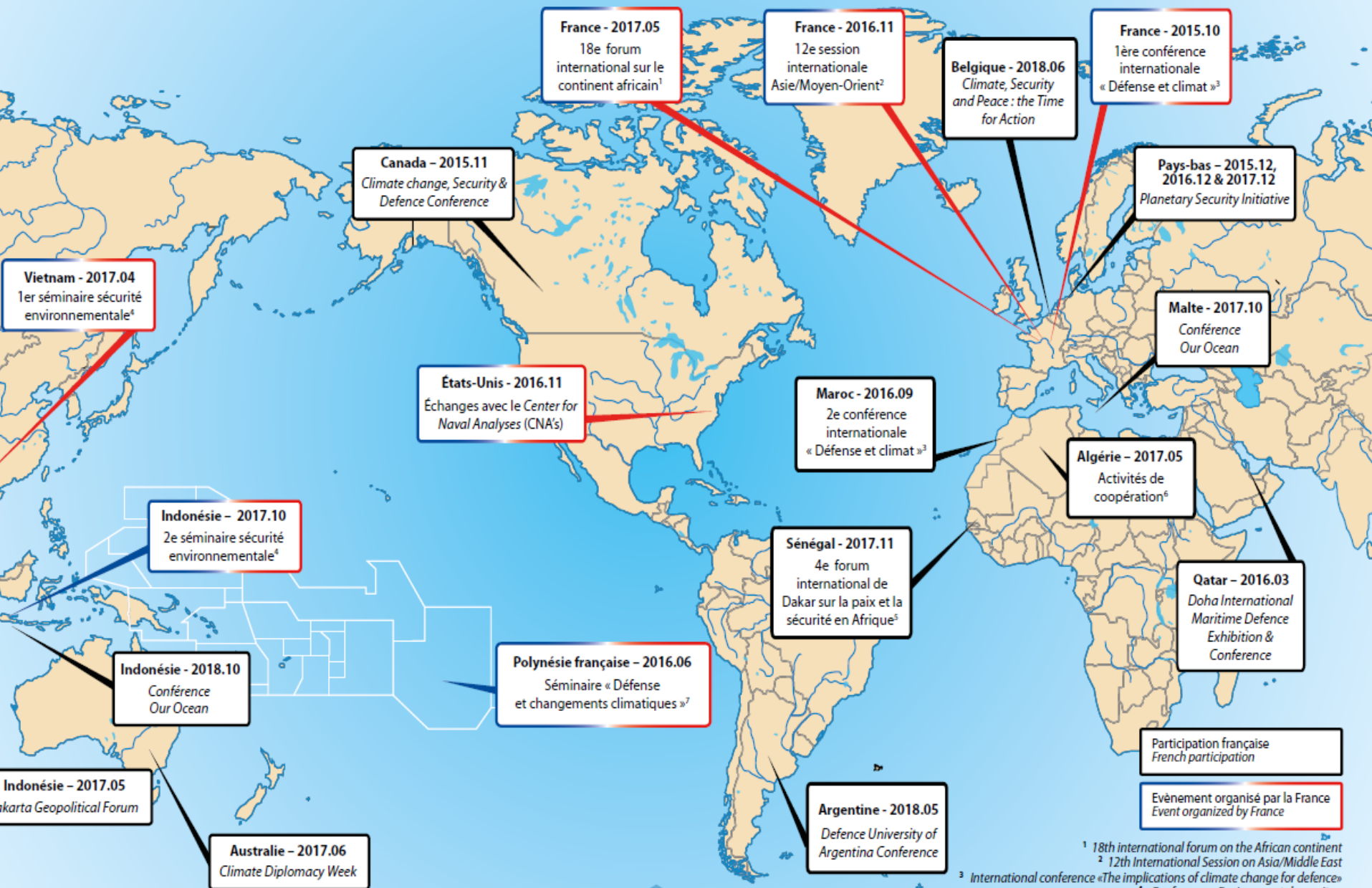
Sustain each and every one's security environment through Natural Sciences.



Photo: A. Indras - iStock - www.photo-nature.net







<sup>1</sup> 18th international forum on the African continent  
<sup>2</sup> 12th International Session on Asia/Middle East  
<sup>3</sup> International conference «The implications of climate change for defence»  
<sup>4</sup> Conference « Environmental security »  
<sup>5</sup> Dakar international forum on peace and security in Africa – 4th edition  
<sup>6</sup> Cooperation activities  
<sup>7</sup> Defence and climate change conference





# DÉFENSE ET CLIMAT

## LA FRANCE S'ENGAGE

DEFENCE AND CLIMATE: FRANCE IS COMMITTED



Document online:

<https://www.defense.gouv.fr/dgris/recherche-et-prospective/prospective-de-defense/defense-et-climat>



Document online:  
<https://is.gd/n00i6t>

# Implications of Climate Change on Defence and Security in the South Pacific by 2030

May 2019

