

<https://doi.org/10.15302/J-LAF-2026-0015>

Volume 14 / Issue 2 / 260015 / 2026

Received Date | 2025-03-20 Accepted Date | 2025-12-15

# Do the Core Concerns of Climate Adaptation Policies and Studies Align?—A Comparative Review of Policy Documents and the Literature

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**Supplementary Table 1: Evolution stages of climate adaptation policies**

Stage	Milestone documents	Overview	Core concern domains	Key characteristics
2007–2009	Bali Road Map; IPCC Fourth Assessment Report	Emphasize on both mitigation and adaptation; formal initiation of adaptation actions	Highly vulnerable natural systems, including water resources and coastal areas	Broad strategic objectives and short-term measures
2010–2014	Cancun Agreements	Systemic transit from fragmented projects to integrated frameworks	Expand from traditional natural ecosystem domains to broader socio-economic domains	Implementation timelines specified in some countries; require regular monitoring and reporting
2015 to present	Paris Agreement	Establish a global goal of climate adaption; enter into an era of transnational coordination	Multi-sectoral coverage	Multi-level collaboration, regular monitoring, dynamic adjustment, and international cooperation

**Supplementary Table 2: Frequency and Ranking of Core Concern Domains**

Core concern domain	2007–2009		2010–2014		2015 to present		Total	
	Frequency	Rank	Frequency	Rank	Frequency	Rank	Frequency	Rank
Water resources management	6	1	6	1	11	3	23	1
Ecosystems and biodiversity	6	1	4	4	13	2	22	1
Coastal areas	5	3	6	1	6	5	17	3
Health and well-being	4	4	5	3	14	1	23	1
Cities and the built environment	1	5	4	4	7	4	12	4
Climate risk and disaster management	—	6	2	6	7	4	10	5

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收稿日期 | 2025-03-20 录用日期 | 2025-12-15

中图分类号 | TU986 文献标识码 | A

# 气候适应政策与研究的核心关切是否契合？ ——政策文件与文献的比较评述

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附表 1：气候适应政策进程

阶段	代表文件	阶段概述	核心关切领域	特征
2007—2009	《巴厘路线图》 IPCC《第四次评估报告》	减缓与适应并重，正式开启适应行动	水资源、沿海地区等高脆弱性的自然生态系统	概括性战略目标和短期措施
2010—2014	《坎昆协议》	系统转型，从零散项目转向系统化框架	从传统自然生态领域拓展至更广泛的社会经济领域	部分国家明确政策实施时间表，要求定期发布监测报告
2015 至今	《巴黎协定》	设立全球适应目标，进入跨国协同时代	多领域覆盖	多层次协作、定期监测、动态调整、国际合作

附表 2：核心关切领域频次及排名

核心关切领域	2007—2009		2010—2014		2015 至今		总计	
	频次	排名	频次	排名	频次	排名	频次	排名
水资源管理	6	1	6	1	11	3	23	1
生态系统与生物多样性	6	1	4	4	13	2	23	1
沿海地区	5	3	6	1	6	5	17	3
健康与福祉	4	4	5	3	14	1	23	1
城市与建成环境	1	5	4	4	7	4	12	4
气候风险与灾害管理	—	6	2	6	7	4	9	5