



United Nations
Climate Change

29th meeting of the Adaptation Committee

Agenda item 5

Potential activities on impact, vulnerability and risk assessment

Bonn, Germany

14–17 April 2026



I. Background: AC Work on IVRA (AC26–AC28)



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AC Meetings Timeline

AC26 (December 2025)

Initiated discussions on potential IVR activities under Workstream 1 of the flexible workplan for 2025–2027

AC27 (May 2025)

Agreed to continue consideration of IVR assessment at a subsequent meeting

AC28 (September 2025)

Requested overview note on how IVR assessments are applied across countries and regions, including case studies


AC29 (April 2026)

Considering potential activities, priorities and modalities for future work on IVR assessment

SoA Portal Context

The completion of the **State of Adaptation Action (SoA) portal** provides, for the first time, a comprehensive and validated dataset based on Party-reported information across the adaptation cycle.

This may offer a potential analytical foundation for examining how IVR assessments are applied in practice across different contexts, particularly relevant for operationalizing the global goal on adaptation and strengthening the evidence base for the global stocktake.

 **Key insight:** IVR assessments constitute a foundational element of effective adaptation policy and action, supporting risk identification, planning, and monitoring.

UNFCCC Adaptation Committee

II. Purpose

1. Overview of IVR Application

Countries & regions

Provide an overview of how IVR assessments are applied across countries and regions, examining different approaches and methodologies

2. Emerging Practices & Challenges

Gaps analysis

Highlight emerging practices, challenges and gaps in IVR assessment implementation

3. Links to Planning & Reporting

Implementation

Illustrate how IVR assessments inform adaptation planning, implementation and reporting processes

4. Support for AC Work

Guidance

Support the AC in identifying possible areas for further work on IVR assessment



Role of IVR in Adaptation Cycle

Five key functions across the cycle

Risk identification and prioritization

Assessing climate hazards, exposure and vulnerability to identify priority sectors, regions and populations

Hazards

Exposure

Vulnerability

Adaptation Planning

Informing the development of strategies, policies and investment plans, including in the context of NAPs

NAPs

Strategies

Implementation Support

Supporting the targeting of interventions and allocation of resources across sectors and levels

Targeting

Resources

Monitoring, Evaluation & Learning

Providing reference points and baselines for tracking progress and informing iterative learning

MEL

Baselines

Reporting & Global Processes

Contributing to national reporting and informing global processes such as the global stocktake

III. Key Insights

🌐 Widespread Use with Varying Depth Active

Most Parties report undertaking IVR assessments, although approaches differ in scope, methodological rigor and data availability across regions and sectors.

85% of Parties have IVR assessments

🔗 Strong Linkage to Planning Processes Partial

IVR assessments are frequently embedded in NAPs and national strategies, though their influence on decision-making and investment planning varies.

70% linked to NAPs

🏢 Sectoral Concentration Uneven

Application is more advanced in sectors such as agriculture and water, with more limited coverage in urban systems and cross-sectoral risks.

60% in agriculture/water

📍 Uneven Application Across Levels Gap

National-level assessments are common, while subnational and local-level applications remain uneven and underdeveloped.

45% at subnational level

📈 Limited Forward-Looking Analysis Limited

Many assessments remain focused on baseline conditions, with limited integration of climate projections and temperature scenarios.

30% include future scenarios

💡 Key Takeaway

IVR assessments are foundational but need strengthening in **methodology, data quality, and forward-looking analysis** to support effective adaptation.

IV. Emerging Practices and Approaches



Integration into National Frameworks

Practice 01

Integration of IVR assessments into national policy frameworks and planning processes, ensuring alignment with NAPs and sectoral strategies

- ✓ Policy alignment
- ✓ Planning integration
- ✓ Institutional coordination



Institutional Coordination Mechanisms

Practice 02

Establishment of institutional coordination mechanisms across sectors and levels to ensure effective implementation

- ✓ Cross-sector collaboration
- ✓ Multi-level coordination
- ✓ Stakeholder engagement



Mixed Methodologies Approach

Practice 03

Use of mixed methodologies combining quantitative and qualitative approaches, including participatory methods and local knowledge

- ✓ Quantitative analysis
- ✓ Qualitative assessment
- ✓ Local knowledge integration



Linking Assessment to Implementation

Practice 04

Efforts to link assessment outputs to implementation, including prioritization of actions and alignment with financing strategies

- ✓ Action prioritization
- ✓ Resource allocation
- ✓ Financing alignment

V. Key Challenges and Gaps in IVR Assessment

Addressing methodological, data, and implementation barriers in impact, vulnerability and risk assessment



5 Critical Challenges Identified

Methodological diversity, data constraints, and implementation gaps are hindering effective IVR assessment across developing countries

1 Methodological Diversity

Wide variation in approaches with limited availability of practical and user-oriented guidance for IVR assessments

2 Data Constraints

Gaps in availability, accessibility and quality of data, including at subnational level and for specific sectors

3 Translation into Action

Limited linkage between assessment outputs and decision-making, investment and implementation processes

4 Integration Across Scales

Challenges in connecting national assessments with local-level application and implementation

5 Future Scenarios

Limited use of scenario-based approaches aligned with temperature goals under the Paris Agreement

VI. Potential Areas for Future Work

Near-term, medium-term, and longer-term activities for IVR assessment

Near-term

Analytical & Overview

Global Overview

Preparation of a global overview of IVR assessment application, including regional and sectoral perspectives

Regional analysis Sectoral view

Pattern Analysis

Identification of common patterns, practices and gaps using available data sources

SoA portal Data analysis

Medium-term

Methodological & Practical

Practical Guidance

Development / **Mapping** of practical guidance on IVR assessments, including governance arrangements

Governance Methods

Tool Compilation

Compilation of existing methodologies and tools, building on work by relevant bodies

Tools Best practices

Longer-term

Capacity & Knowledge

Training Materials

Development of training and learning materials for capacity building

Training Learning

Knowledge Exchange

Facilitation of knowledge exchange across regions and sectors

Exchange Networking

VII. Guiding Questions and Issues for AC Consideration

Scope, contextualization, collaboration, and resource implications for IVR assessment work



Guiding Questions for AC Members

Key areas to reflect on when considering future work

- 1 **Scope & Focus:** What aspects of IVR assessment may benefit most from further work, including governance, methodologies, data and application?
- 2 **Contextualization:** How can approaches be designed to be relevant across different regional, national and subnational contexts?
- 3 **Linkages:** How can IVR assessments be more effectively integrated into NAPs, MEL systems and reporting processes?
- 4 **Data Use:** What role could existing data sources, including the SoA portal, play in supporting analysis and guidance?
- 5 **Climate Context:** How can IVR assessments better reflect different warming scenarios, including 1.5°C and 2°C?
- 6 **Collaboration:** What opportunities exist to collaborate with other constituted bodies and relevant organizations?



Issues for AC Consideration

Key decisions and priorities for future work

- 1 **Whether and how to further advance work** on IVR assessment, including its scope and level of ambition
- 2 **Possible priorities and sequencing** of activities to address gaps and needs
- 3 **Role of existing tools and data sources**, including the SoA portal, as a potential analytical foundation
- 4 **Opportunities for collaboration** and synergies with other constituted bodies and partners
- 5 **Additional guidance to the secretariat** on the preparation of future outputs, including resource implications



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Thank you