

Nature-based Solutions are key to Resilience

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Failure of climate change mitigation and adaptation is rated among the top 10 global risks in terms of likelihood & impact

Biodiversity loss & ecosystem collapse is one of the top 10 global risks in terms of impact

WEF 2018 Global Risk Report

'Business-as-usual' approaches to climate change are not enough ...

- *At least half of the world should be made more nature-friendly by 2050 to ensure the well-being of humanity* - Cristiana Pasca Palmer, ES, CBD
- Nature-based solutions advocated in 2018 UNESCO World Water Assessment Report

Urban green spaces and nature in cities ...

- Regulate climate
- Support food security
- Attenuate flooding
- Support livelihoods & economic development
- Promote human well-being & health

ICLEI - Cities Biodiversity Center

Services include:

- Project design & implementation in cities and communities
- Technical services & resources through training, information services and research
- Connecting cities on local, national and international scales
- Profiling and sharing city innovation globally
- Advocacy for mandates, roles & support for subnational actions



Local Action for Biodiversity (LAB)



Durban Commitment

THE DURBAN COMMITMENT: LOCAL GOVERNMENTS FOR BIODIVERSITY



A commitment and model by local government, for local government and the communities they serve, to protect and enhance biodiversity at the local level.

The Dublin Declaration, Local Governments for Biodiversity was developed, drafted and signed by 21 local bodies for Biodiversity Local Governments.

- Washington City Council (Spain)
- City of Amsterdam (Netherlands)
- City of Copenhagen (Denmark)
- City of Cape Town (South Africa)
- City of Dublin (Ireland)
- City of Luxembourg (Luxembourg)
- City of Antwerp (Belgium)
- City of Amsterdam (Netherlands)
- City of Nagoya (Japan)
- City of Tokyo (Japan)
- City of Dayton (Ohio)
- Town Municipality of South Africa
- Metropolitan Municipality of South Africa
- San Francisco (France)
- King County (U.S.A.)
- Leicester City Council (England)
- Liverpool City Council (Wales)
- University of Vienna (Austria)
- The City of New York
- Japan Meteorological Corporation (Japan)
- Meteosat (European Commission) (Europe)
- Meteosat (European Commission) (Europe)

As a caretaker and minority coalition government, the coalition government and the conservative Bay state, is joined and without likelihood of the final level.

1. My sleeping time is approximately

from their leading local governments that assist the world as a service and acknowledge accountability and responsibility for the health and safety of our communities through planning, substantially reducing and managing biodiversity and responding to risk as the backbone of our existence.

The Government recognizes that biodiversity is the source of the resources on which human well-being is dependent and that biodiversity provides important services that underpin all of our community's needs. It recognizes, therefore, that the value of biodiversity is not limited to natural resources, economic benefits, recreational opportunities, heritage, environmental quality, scientific, medical, spiritual, social, cultural or aesthetic values, and that biodiversity is a source of knowledge, culture and social development.

1. Through signing this Government we acknowledge that:

2. Sustainability is increasingly under pressure with unprecedented pressure on the environment and the depletion of natural resources.
3. Increasing global demand for water is placing increasing pressure on freshwater resources. The world's water and energy resources are under increasing pressure and competition.

22 The impact of climate change on biodiversity patterns and processes will be significant and immediate as need to build appropriate programmes to address, mitigate and adapt to these changes.

- 2.4. Pursue autonomous development and human well-being, taking the development of our state as the primary challenges we face.
- 2.5. Enhance national unity and regional peace by forming alliances and alliances, and increasing the transparency of our political and economic system.
- 2.6. In our external relations, to search for the common interests and common development of all countries.
- 2.7. Limit competition, which we most desire, with democracy and sovereignty, has a critical role and responsibility, including nationality and identity to ensure that brotherhood is confirmed and that the national unity of the country is maintained.
- 2.8. Pursue the national unity of the country for the benefit of our country and the world.
- 2.9. By signing this Declaration, we commit to promoting, increasing, and protecting good relations with our administrative and economic relations with our multiple Islamic states. Seeing our entire Islamic area as a single area, we recognize the Islamic unity of the entire Islamic area, and we are committed to the Islamic unity of the entire Islamic area.
- 2.10. By signing this Declaration, we declare our intention to:
 - 2.10.1. Respectfully consider the interests of the state of the Islamic Republic of Iran.

4.2. Coordinate activities for the dissemination of globally relevant issues

- 4.2.1 Gender and inclusion: a long-term and multidimensional strategy for the sustainable use of natural resources and communities' activities, which will address the needs of all stakeholders.
- 4.2.2 The consolidation of biodiversity in all aspects of development planning, including but not limited to, economic planning, tourism planning, economic development planning, and social development planning.
- 4.2.3 The management of natural areas and green spaces, including the restoration and rehabilitation of any degraded natural areas and the promotion of positive human impacts on the environment.
- 4.2.4 The promotion of municipal planning, including best practices water waste treatment, energy management and housing.
- 4.2.5 Public development strategies, including public works, rural planning and services and the fair use of resources.
- 4.2.6 Social development including poverty alleviation and job creation.
- 4.2.7 Maintaining control of the value of biodiversity and the management of the natural areas of society.
- 4.2.8 Stakeholder participation in all aspects of biodiversity.

100.9 per 1000 person-years, and

- [illegible]

Signed at: this day of





- Assist local governments to improve and enhance biodiversity and ecosystem management
- Provide support to integrate biodiversity and ecosystem management into all aspects of decision-making at the city level
- Provide a platform to link research/science with policy/practice

**LAB Pioneer
Cities**

(ICLEI & IUCN)

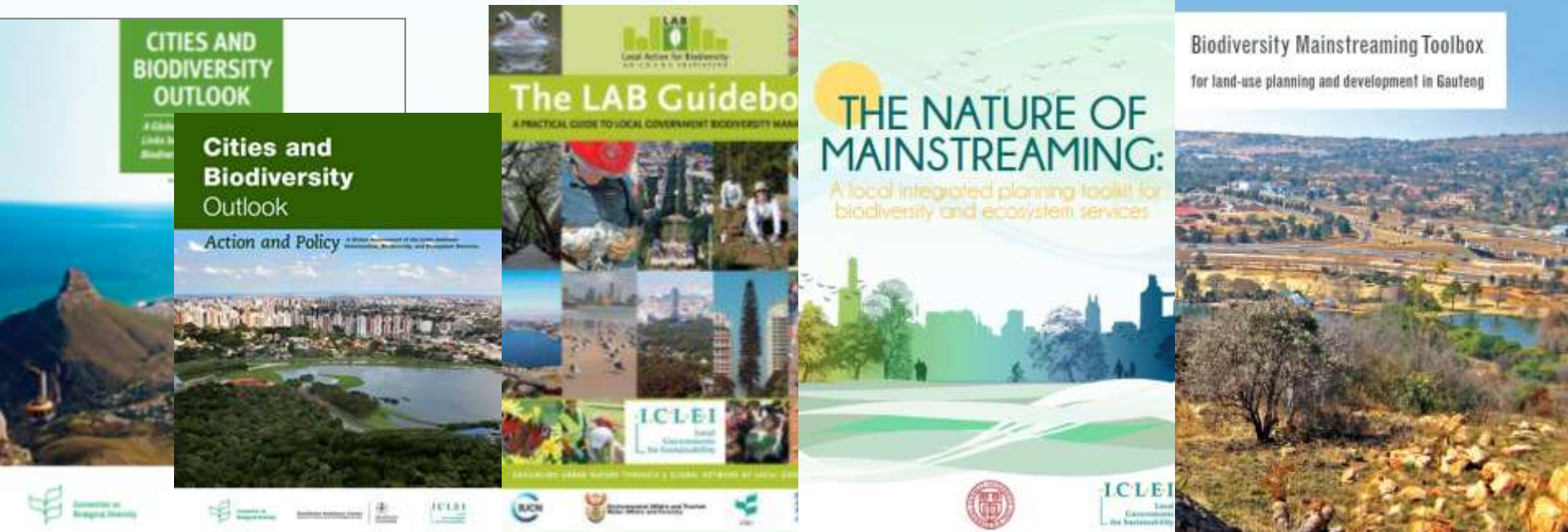
**LAB Biodiversity
and Climate Change**

**LAB Biodiversity
and CEPA**

**Wetlands, Rivers,
Coasts, City-Regions**

Tools

- ✓ *1st Cities & Biodiversity Outlook – Action & Policy*
- ✓ *LAB Guidebook*
- ✓ *Local Biodiversity Strategy and Action Plan (LBSAP) Guidelines*
- ✓ *Biodiversity Mainstreaming Toolkit*
- ✓ *Communication, Education & Public Awareness* (CEPA) Evaluation Design Toolkit*



Cities and Regions Biodiversity Summits

- ICLEI co-convenes the High-Level Cities and Regions Summits with the SCBD and partners parallel to each CBD COP since 2008
- The Summit unites subnational governments from around the world, providing the key platform for engagement as sector with the 196 CBD Parties
- The Summit demonstrates their collective actions and local innovation towards implementation of the CBD global targets



2007

Curitiba,
Brazil

Curitiba Meeting on Cities and Biodiversity

- Formation of the Global Partnership on Local and Subnational Action for Biodiversity
- Curitiba Declaration on Cities and Biodiversity: *1st of its kind*

2008

Bonn,
Germany

CBD COP 9

Decision IX/28

- Recognise the key role of local and subnational governments, especially in implementing NBSAPs.

2008 Mayors Conference—Local Action for Biodiversity

- Cities & Biodiversity – Bonn Call for Action: *Making the case for cities for global biodiversity conservation.*

2010

Nagoya, Aichi,
Japan

CBD COP 10

Decision X/22

- Endorsed Plan of Action on Subnational Governments, Cities and Other Local Authorities for Biodiversity
- Encouraged Parties to support cities & local authorities.

City Biodiversity Summit 2010

- Aichi/Nagoya Declaration on Local Authorities and Biodiversity
- Support of Plan of Action on Subnational Governments, Cities and Other Local Authorities for Biodiversity (2011 - 2020)

Roadmap of CBD Decisions surrounding biodiversity and local & subnational governments



2012

Hyderabad,
India

**Cities for Life. CitySubnational
Biodiversity Summit**

- Hyderabad Declaration on Subnational Governments, Cities & Local Authorities for Biodiversity.
- Support for implementation of Plan of Action.

**CBD COP 11
Decision XI/28**

Highlighted tangible role of local governments, specifying the need for national support in implementing the Plan of Action 2011-2020.

2016

*Cancun, Quintana
Roo, Mexico*

**5th Global Biodiversity Summit
for Cities & Subnational
Governments Cancun, Mexico
Quintana Roo Communique**

2014

Pyeongchang,
Gangwon,
Korea

**Biodiversity Summit for Cities
& Subnational Governments
2014**

- Gangwon/Pyeongchang Resolution for Cities & Subnational Governments of Biodiversity.

CBD COP 12

- **Decision XII/9, Engagement with Subnational and Local Governments:**
- 9 other decisions also speak to the role of local governments.

CBD COP 16

Decision XIII/3, agree to engage subnational and local governments in order to strengthen their contribution to the implementation of the entire Convention

SDG Goal 15: Targets to halt biodiversity loss

- By 2020, ensure the **conservation, restoration and sustainable** use of terrestrial and inland freshwater ecosystems and their services...
- By 2020, introduce measures to prevent the introduction and significantly reduce the impact of **invasive alien species**
- Take urgent and significant action to **reduce the degradation of natural habitats**, halt the loss of biodiversity and, by 2020, **protect and prevent the extinction** of threatened species
- **By 2020, integrate ecosystem and biodiversity values into national and local planning, development processes, poverty reduction strategies and accounts**
- Mobilize and significantly **increase financial resources** from all sources to conserve and sustainably use biodiversity and ecosystems



How do cities act?

- Integrate nature-based solutions horizontally across government sectors by **mainstreaming nature** into planning, infrastructure, climate change and *ALL* other aspects of resilience
- Collaborate & co-produce with research, business & civil society
- Apply new **finance** mechanisms **for and by nature**
- **Measure** how functional ecosystems support urban communities' resilience



New ICLEI-led initiatives

