

No. 08/2016/TT-BTNMT

Hanoi, October 16 05 2016

CIRCULAR

REGULATIONS ON CLIMATE CHANGE IMPACT ASSESSMENT AND NATIONAL CLIMATE ASSESSMENT

Pursuant to the Law on Hydrometeorology dated November 23 , 2015;

Pursuant to the Law on Environmental Protection dated 23/06/2014;

Pursuant to the Government's Decree No. 2 1/2013/ND-CP dated March 4, 201 3 defining the functions, tasks, regulations and organizational structure of the Ministry of Natural Resources and Environment;

At the request of the Director of the Department of Hydrology and Gas Exchange and the Director of the French Department;

The Ministry of Natural Resources and Environment promulgates a Circular regulating the impact assessment of climate change and national climate assessment.

Article 1. Scope of regulation

This Circular details the assessment of impacts of climate change and the national climate price as prescribed in Clause 8, Article 33 of the Law on Hydrometeorology.

Article 2. Subjects of application

This Circular applies to agencies, organizations and individuals involved in climate change impact assessment and national climate assessment.

Article 3. Interpretation of wording

1. Climate change adaptation involves adapting natural and human systems to new or altered environments, for the purpose of assuming the possibility of climate change losses and taking advantage of the positive impacts brought about by climate change.
2. Climate mitigation means activities aimed at reducing the level or intensity of greenhouse gas emissions.

Article 4. Information and data for assessment

Information and data for climate change impact assessment, assessment of climate change adaptation and mitigation solutions and national climate assessment include:

1. The climate change scenario is agreed upon by the Ministry of Natural Resources and Environment at the time of assessment.
2. Statistical yearbook.
3. Strategies, master plans and plans for socio-economic development have been promulgated by competent state agencies.
4. National hydrometeorological and climate change information and data.
5. Relevant information and data of ministries, sectors and localities.

Article 5. Assessing the impacts of climate change

1. Impact assessment of climate change includes the analysis and assessment of negative, positive, short-term and long-term impacts of climate change on natural disasters, natural resources, environment, ecosystems, living conditions, socio-economic activities and interdisciplinary issues, interregional and inter-sectoral are specified in Clause 5, Article 33 of the Law on Hydrometeorology in order to determine socio-economic indicators and long-term objectives of strategies, master plans and plans on the list of implementation of strategic environmental assessment. The assessment contents comply with the provisions of Clauses 2, 3, 4 and 5 of this Article.

2. Assessment of impacts of climate change on natural disasters includes assessment of the scope, intensity, frequency and anomaly of hydrometeorological disasters.

3. Assessment of impacts of climate change on natural resources includes assessment of impacts on water resources, land resources, forest resources, marine and island resources, minerals, energy and biodiversity.

4. Assessing the impacts of climate change on the environment and ecosystems, including:

a) Fluctuations in nautical and marine hydrodynamics: waves, currents, hydrocephalus, surges, saltwater intrusion; erosion, coastal erosion;

- b) Fluctuations in surface water hydrology, hydrology of water, flooding, flash floods, landslides;
 - c) Meteorological fluctuations: drought, heat, cold, heavy rain;
 - d/ Land fluctuations caused by erosion and accretion; land degradation due to desertification, saltwater intrusion;
 - dd) Terrestrial ecosystems, tidal ecosystems, aquatic ecosystems and other ecosystems;
 - (e) Other cabinets related to strategies, master plans and plans.
5. Assessment of impacts of climate change on socio-economic activities and inter-sectoral, interregional and inter-sectoral issues, including the following contents:
- a) Assess the positive, negative, short-term and long-term impacts of climate change on socio-economic activities related to the scope of strategies, master plans and plans;
 - b) Assess the positive, negative, long-term and long-term impacts of climate change on inter-industrial, inter-field and inter-sectoral issues.
6. Order of assessment of impacts of climate change:
- a) Determine the subjects and scope of assessment;
 - b) Analysis and selection of assessment tools, assessment methods, assessment models and assessment indicators;
 - c) Assessment of impacts of climate change on natural disasters, natural resources, environment and ecosystems according to the contents specified in Clauses 2, 3 and 4, Article 5 of this Circular;
 - d) Assessment of impacts of climate change on socio-economic activities and inter-sectoral, interregional and inter-sectoral issues according to the contents specified in Clause 5, Article 5 of this Circular;
 - dd) Compile the assessment report.

Article 6. Evaluating climate change adaptation and mitigation solutions

1. Strategies, master plans and plans on the list of carrying out strategic environmental assessment, during the construction process, must evaluate solutions to adapt and mitigate climate change as prescribed in Clauses 2 and 3 of this Article.
2. Evaluation of solutions to adapt to climate change:
- a) The current situation of solutions to adapt to climate change in strategies, master plans and plans, and the analysis and assessment of advantages, disadvantages, causes and solutions to overcome;
 - b/ The effectiveness of climate change adaptation solutions to socio-economic activities in strategies, master plans and plans.
3. Evaluation of solutions to mitigate climate change:
- a) The current situation of climate change mitigation solutions in strategies, master plans and plans, including analysis and assessment of advantages, disadvantages, causes and solutions to overcome;
 - b) The effectiveness of climate change mitigation solutions to socio-economic activities of sectors and localities in strategies, master plans, plans and replicability.
4. Order of assessment of climate change adaptation and mitigation solutions:
- a) Analyze and select solutions to adapt and mitigate climate change that need to be evaluated in relation to the scope of strategies, master plans and plans;
 - b) Analysis and selection of assessment tools, assessment indicators and assessment methods;
 - (c) Assess the current state of measures to adapt and mitigate climate change in relation to the scope of strategies, master plans and plans;
 - d) Evaluate the effectiveness of climate change adaptation and mitigation solutions to socio-economic activities of sectors and localities;
 - dd) Compile the assessment report.

Article 7. National Climate Assessment

1. Contents of national climate assessment shall comply with the provisions of Clause 1, Article 35 of the Law on Hydrometeorology and detail as follows:
- a) Assessment of the contents specified at Point a, Clause 1, Article 35 of the Law on Hydrometeorology, g: characteristics of Vietnam's climate up to the time of assessment; developments of temperature, rainfall, storms, tropical depressions, heavy rains, sea level rise, saltwater intrusion and extreme climatic phenomena such as floods, flash floods, heat, drought, severe cold, cold, hail, frost;

- b) Assessment of contents specified at Point b, Clause 1, Article 35 of the Law on Hydrometeorology, including: assessment of the degree of fluctuations of climatic factors, climate extremes, extreme climatic phenomena; assess the degree of variability of climate indicators and climate extremes; differences from global climate averages and previous assessment reports;
- c) Evaluate the contents specified at Point c, Clause 1, Article 35 of the Law on Hydrometeorology as prescribed in Article 5 of this Circular;
- d) Price the contents specified at Point d, Clause 1, Article 35 of the Law on Hydrometeorology as prescribed in Article 6 of this Circular;
- dd) Evaluate the contents specified at Point dd, Clause 1, Article 35 of the Law on Hydrometeorology, including: the appropriateness of the climate change scenario compared to the actual climate change scenario in the assessment period; the degree of use of the climate change scenario with adaptation and mitigation activities with climate change. climate in assessment period.
2. The national climate assessment shall comply with the provisions of Clause 2, Article 35 of the Law on Hydrometeorology.

Article 8. Implementation organization

1. Agencies tasked with formulating expenditures, master plans and plans of Ministries, sectors and localities subject to strategic environmental assessment shall be responsible for assessing the impacts of climate change, evaluating solutions for adaptation and mitigation to climate change as prescribed in Article 5, Article 6 of this Circular.
2. The results of impact assessment of climate change, assessment of adaptation and mitigation solutions to climate change are fully reflected in the strategic environmental impact assessment report of the strategy, master plan and plan as prescribed in Clause 2, Article 37 of the Law on Hydrometeorology. The appraisal shall comply with the provisions of Clause 3, Article 37 of the Law on Hydrometeorology.
3. The Department of Hydrometeorology and Climate Change shall assist the Minister of Natural Resources and Environment in organizing the national climate assessment as prescribed in Article 7 of the Village.

Article 9. Enforceability

This Circular takes effect from 01/07/2016.

Article 10. Enforcement responsibilities

1. The Director of the Department of Hydrometeorology and Climate Change shall guide, urge and inspect the implementation of this Circular.
2. Ministries, heads of ministerial-level agencies, presidents of people's committees of provinces and centrally-run cities and relevant agencies and organizations shall be responsible for the implementation of this Circular.
3. In the process of implementation, if there are any problems, request timely reflection on the Ministry of Natural Resources and Environment for consideration, amendment and supplementation.

KT. DEPUTY MINISTER

Recipients:

- Prime Minister and Deputy Prime Ministers;
- Ministries, ministerial-level agencies, government-attached agencies;
- Office of the National Assembly;
- Office of the President;
- Central Office of the Supreme People;- Supreme People's Procuracy;
- Supreme People's Procuracy;
- QPPL Document Inspection Department (Ministry of Justice);
- People's Committees of provinces and centrally run cities;
- Department of Natural Resources and Environment of centrally run cities;
- Official Gazette; Government Electronic Information;
- Website of the Ministry of Natural Resources and Environment;
- Save: VT, PC, KTTVBĐKH (200).

Chu Pham Ngo