

House File 2158 - Introduced

HOUSE FILE 2158
BY BARKER

A BILL FOR

1 An Act relating to statewide resilience planning, including the
2 development, implementation, and periodic updating of an Iowa
3 state resilience plan.
4 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

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1 Section 1. NEW SECTION. **463.1 Definitions.**

2 For purposes of this chapter:

3 1. "*Critical assets*" includes all of the following:

4 a. Transportation assets and evacuation routes, including
5 airports, bridges, bus terminals, ports, major roadways,
6 highways, railways, marinas, rail facilities, and railroad
7 bridges.

8 b. Critical infrastructure, including wastewater treatment
9 facilities and lift stations, storm water treatment facilities
10 and pump stations, drinking water facilities, water utility
11 conveyance systems, electric production and supply facilities,
12 solid and hazardous waste facilities, military installations,
13 communications facilities, and disaster debris management sites.

14 c. Critical community and emergency facilities, including
15 schools, colleges, universities, community centers, correctional
16 facilities, disaster recovery centers, emergency medical service
17 facilities, emergency operation centers, fire stations, health
18 care facilities, hospitals, law enforcement facilities, local
19 government facilities, logistical staging areas, affordable
20 public housing, risk shelter inventory, and state government
21 facilities.

22 d. Natural, cultural, and historical resources, including
23 agricultural lands, conservation lands, parks, shorelines,
24 surface waters, wetlands, and historical and cultural assets.

25 2. "*Department*" means the Iowa department of natural
26 resources.

27 3. "*Regionally significant assets*" means critical assets
28 that support the needs of communities spanning multiple
29 geopolitical jurisdictions, including water resource facilities,
30 regional medical centers, emergency operations centers, regional
31 utilities, major transportation hubs and corridors, airports, and
32 seaports.

33 Sec. 2. NEW SECTION. **463.2 Iowa state resilience plan.**

34 1. By December 31, 2027, the department shall develop and
35 adopt an Iowa state resilience plan in coordination with the

1 department of transportation, economic development authority,
2 department of homeland security and emergency management,
3 department of agriculture and land stewardship, and any other
4 stakeholder deemed relevant by the director of the department.

5 2. The goals of the Iowa state resilience plan are to
6 accomplish the following:

7 a. Protect against the loss of life and property by providing
8 for hazard mitigation and long-term disaster recovery.

9 b. Effectively incorporate future hazard, demographic, and
10 development conditions into all state programs addressing built
11 and natural infrastructure at risk from flooding, anticipated
12 changes in water supply and quality, and other natural hazards.

13 c. Identify priority projects to increase resilience across
14 the state.

15 d. Establish a strategy to allocate state and federal funding
16 that support the execution of projects and goals outlined in the
17 plan.

18 e. Be a guide to state and local resilience policy.

19 3. The Iowa state resilience plan shall include all of the
20 following:

21 a. A statewide risk assessment that includes, to the extent
22 practicable, all of the following:

23 (1) A gap analysis of state and local government capacity to
24 adequately evaluate and address the factors that increase hazard
25 risk, including risks associated with flooding and anticipated
26 changes in water supply and quality.

27 (2) Temporal, seasonal, and spatial variability projections
28 of at least thirty years for flooding, water supply, water
29 quality, and the other top natural hazards identified in the
30 state hazard mitigation plan.

31 (3) An analysis of local mitigation and post-disaster
32 redevelopment plans and their regional impact.

33 (4) An analysis of present and potential losses, including
34 all of the following:

35 (a) Land subsidence.

1 (b) Property inundation.

2 (c) Natural and built infrastructure failures.

3 (d) Natural resource degradation as a result of flooding.

4 (e) Anticipated changes in water supply and quality.

5 (f) Other top natural hazards identified in the state hazard
6 mitigation plan.

7 (5) The economic impact of best available extreme weather
8 projections on the state's resources, including all of the
9 following:

10 (a) Forestry.

11 (b) Agriculture.

12 (c) Water.

13 (d) Soil health.

14 (e) Wildlife.

15 (f) Hunting.

16 (g) Other natural resources.

17 (h) Infrastructure.

18 (i) Economic productivity and security.

19 (j) Education.

20 (k) Public health.

21 (6) An analysis of historic and projected development in
22 known and projected hazard areas, including areas under threat
23 from flooding, anticipated changes in water supply and quality,
24 and other top natural hazards identified in the state hazard
25 mitigation plan.

26 b. An inventory of critical assets, including regionally
27 significant assets, that includes an outline of each asset's
28 condition, capacity, and present and potential losses from
29 flooding, anticipated changes in water supply and quality, and
30 the other top natural hazards identified in the state hazard
31 mitigation plan.

32 c. A methodology for prioritizing both state-funded
33 resilience projects and projects funded by state-administered
34 federal programs. The methodology shall include:

35 (1) Consideration of project cobenefits, including

1 multihazard risk reduction, economic development, ecosystem
2 services, and tourism and recreational opportunities.

3 (2) Regional considerations, including demography, income,
4 geography, and proximity to critical assets.

5 (3) Consideration of upstream and downstream impacts of
6 riverine projects on communities and local ecology.

7 d. A prioritized list of all ongoing, planned, and proposed
8 resilience projects funded or administered by the state that
9 includes all of the following:

10 (1) The cost of each project.

11 (2) A quantification of the total funding needed statewide.

12 e. Recommendations to decrease risks and adverse impacts
13 associated with flooding, anticipated changes in water supply and
14 quality, and natural hazards as identified in the statewide risk
15 assessment, including all of the following:

16 (1) Strategies for overcoming identified gaps in state and
17 local government capacity to address hazard risk, including all
18 of the following:

19 (a) Community education and communication concerning local
20 hazard risk reduction.

21 (b) Improvement of coordination of hazard risk reduction
22 efforts across state agencies.

23 (c) Operations and maintenance for existing projects.

24 (d) Technical assistance and other support to local
25 governments.

26 (2) Statutory or regulatory remedies for managing risk.

27 (3) Expected implementation timelines, agency involvement,
28 and implementation costs for each action or remedy.

29 (4) Existing and potential funding sources for facilitating
30 resilience planning and projects.

31 (5) Possible cobenefits associated with resilience actions.

32 (6) Plans for integrating recommended approaches to
33 risk reduction into existing state strategies for hazard
34 mitigation, environmental protection, and economic opportunity
35 and development.

1 f. Metrics for tracking, reporting progress to state and
2 local policymakers, and updating the Iowa state resilience plan.

3 4. On completion of the Iowa state resilience plan, the
4 department shall deliver the plan to the governor and the general
5 assembly.

6 5. The department shall deliver a report to the governor
7 and general assembly by December 31, 2029, and every two years
8 thereafter. The report shall include all of the following:

9 a. A summary of the progress made on recommendations and
10 identified projects in the plan during the previous two calendar
11 years.

12 b. Updated recommendations based on the information gathered
13 by the department, if applicable.

14 c. Strategies to increase resilience in the state, including
15 identifying potential funding sources for those strategies.

16 6. The department, in coordination with the department
17 of transportation, economic development authority, department
18 of homeland security and emergency management, department of
19 agriculture and land stewardship, and any other stakeholder
20 deemed relevant by the director of the department, shall update
21 the Iowa state resilience plan every five years or sooner.

22 EXPLANATION

23 The inclusion of this explanation does not constitute agreement with
24 the explanation's substance by the members of the general assembly.

25 This bill relates to statewide resilience planning, including
26 the development, implementation, and periodic updating of an Iowa
27 state resilience plan.

28 The bill defines "critical assets" to include transportation
29 assets and evacuation routes; critical infrastructure; critical
30 community and emergency facilities; and natural, cultural, and
31 historical resources. The bill defines "regionally significant
32 assets" as critical assets that support communities across
33 multiple geopolitical jurisdictions.

34 The bill requires the department of natural resources
35 (department) to develop and adopt an Iowa state resilience

1 plan in coordination with certain state agencies and any other
2 stakeholders deemed relevant by the director of the department by
3 December 31, 2027.

4 The bill establishes the goals of the Iowa state resilience
5 plan, including protecting against loss of life and property
6 through hazard mitigation and long-term disaster recovery;
7 incorporating future hazard, demographic, and development
8 conditions into state programs addressing infrastructure at risk;
9 identifying priority projects to increase resilience statewide;
10 establishing strategies to allocate state and federal funding in
11 support of the plan's projects and goals; and serving as guidance
12 for state and local resilience policy.

13 The bill specifies the Iowa state resilience plan must include
14 a statewide risk assessment; an inventory of critical assets; a
15 methodology for prioritizing resilience projects; a prioritized
16 list of ongoing, planned, and proposed resilience projects funded
17 or administered by the state; recommendations to decrease risk
18 and adverse impacts associated with flooding, anticipated changes
19 in water supply and quality, and identified natural hazards; and
20 metrics for tracking progress, reporting to policymakers, and
21 updating the plan.

22 The bill requires the department, upon completion of the Iowa
23 state resilience plan, to deliver the plan to the governor and
24 the general assembly.

25 The bill requires the department to submit a report to the
26 governor and the general assembly by December 31, 2029, and
27 every two years thereafter. The report must include a summary
28 of progress made on the plan's recommendations and projects
29 during the previous two calendar years, updated recommendations
30 based on information gathered by the department, and strategies
31 to increase statewide resilience, including identification of
32 potential funding sources.

33 The bill requires the department, in coordination with certain
34 state agencies and other relevant stakeholders, to update the
35 Iowa state resilience plan every five years or sooner as

1 determined by the director of the department.

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