

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
3 Iowa state resilience plan.

4 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

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
14 sites.

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

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

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

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

34 Sec. 2. NEW SECTION. 463.2 Iowa state resilience plan.

35 1. By December 31, 2027, the department shall develop and

1 adopt an Iowa state resilience plan in coordination with the
2 department of transportation, economic development authority,
3 department of homeland security and emergency management,
4 department of agriculture and land stewardship, and any other
5 stakeholder deemed relevant by the director of the department.

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

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

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

15 c. Identify priority projects to increase resilience across
16 the state.

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

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

21 3. The Iowa state resilience plan shall include all of the
22 following:

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

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

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

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

35 (4) An analysis of present and potential losses, including

1 all of the following:

- 2 (a) Land subsidence.
- 3 (b) Property inundation.
- 4 (c) Natural and built infrastructure failures.
- 5 (d) Natural resource degradation as a result of flooding.
- 6 (e) Anticipated changes in water supply and quality.
- 7 (f) Other top natural hazards identified in the state hazard
8 mitigation plan.

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

- 12 (a) Forestry.
- 13 (b) Agriculture.
- 14 (c) Water.
- 15 (d) Soil health.
- 16 (e) Wildlife.
- 17 (f) Hunting.
- 18 (g) Other natural resources.
- 19 (h) Infrastructure.
- 20 (i) Economic productivity and security.
- 21 (j) Education.
- 22 (k) Public health.

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

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

34 *c.* A methodology for prioritizing both state-funded
35 resilience projects and projects funded by state-administered

1 federal programs. The methodology shall include:

2 (1) Consideration of project cobenefits, including
3 multihazard risk reduction, economic development, ecosystem
4 services, and tourism and recreational opportunities.

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

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

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

12 (1) The cost of each project.

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

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

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

21 (a) Community education and communication concerning local
22 hazard risk reduction.

23 (b) Improvement of coordination of hazard risk reduction
24 efforts across state agencies.

25 (c) Operations and maintenance for existing projects.

26 (d) Technical assistance and other support to local
27 governments.

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

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

31 (4) Existing and potential funding sources for facilitating
32 resilience planning and projects.

33 (5) Possible cobenefits associated with resilience actions.

34 (6) Plans for integrating recommended approaches to risk
35 reduction into existing state strategies for hazard mitigation,

1 environmental protection, and economic opportunity and
2 development.

3 *f.* Metrics for tracking, reporting progress to state and
4 local policymakers, and updating the Iowa state resilience
5 plan.

6 4. On completion of the Iowa state resilience plan, the
7 department shall deliver the plan to the governor and the
8 general assembly.

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

12 *a.* A summary of the progress made on recommendations
13 and identified projects in the plan during the previous two
14 calendar years.

15 *b.* Updated recommendations based on the information gathered
16 by the department, if applicable.

17 *c.* Strategies to increase resilience in the state, including
18 identifying potential funding sources for those strategies.

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

25 EXPLANATION

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

28 This bill relates to statewide resilience planning,
29 including the development, implementation, and periodic
30 updating of an Iowa state resilience plan.

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

1 multiple geopolitical jurisdictions.

2 The bill requires the department of natural resources
3 (department) to develop and adopt an Iowa state resilience
4 plan in coordination with certain state agencies and any other
5 stakeholders deemed relevant by the director of the department
6 by December 31, 2027.

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

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

25 The bill requires the department, upon completion of the
26 Iowa state resilience plan, to deliver the plan to the governor
27 and the general assembly.

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

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1 The bill requires the department, in coordination with
2 certain state agencies and other relevant stakeholders, to
3 update the Iowa state resilience plan every five years or
4 sooner as determined by the director of the department.