



## 103RD GENERAL ASSEMBLY

### State of Illinois

2023 and 2024

HB5301

Introduced 2/9/2024, by Rep. Dagmara Avelar

#### SYNOPSIS AS INTRODUCED:

New Act  
765 ILCS 225/Act rep.

Creates the Illinois Coordinate System Act of 2024. Creates the Illinois Coordinate System Committee. Provides that the Committee shall create, review, and revise the Guide to the Illinois Coordinate System. Requires the Committee to meet at the call of any designated member of the Committee. Requires the Committee to adopt an organizational structure as necessary for the fulfillment of its purpose. Specifies the members required to form the Committee. Requires the Committee to engage with interested stakeholders throughout the State representing local, regional, State, and federal agencies, professional associations, academic institutions, and private sector companies, enterprises, and businesses. Sets forth provisions concerning the purpose of the Act, definitions, and the Guide to the Illinois Coordinate System. Repeals the Illinois Coordinate System Act.

LRB103 39345 MXP 69508 b

1 AN ACT concerning State government.

2 **Be it enacted by the People of the State of Illinois,**  
3 **represented in the General Assembly:**

4 Section 1. Short title. This Act may be cited as the  
5 Illinois Coordinate System Act of 2024.

6 Section 3. Purpose. The Illinois Coordinate System Act is  
7 established for the purpose of compiling accessible, accurate,  
8 reliable, and repeatable data for use in the Illinois  
9 Coordinate System and the Illinois State Plane Coordinate  
10 System. Highly accurate geospatial data used by disciplines,  
11 including the engineering, surveying, construction,  
12 cartography, and geographic information professions, advances  
13 the development of public infrastructure, industry,  
14 agriculture, and other facets of the economy.

15 Section 5. Definitions. As used in this Act:

16 "Committee" means the Illinois Coordinate System  
17 Committee.

18 "Illinois Coordinate System" means a collection of various  
19 plane coordinate systems included in the guide for defining  
20 and stating the position or location of points on the surface  
21 of the earth within the State.

22 "Illinois State Plane Coordinate System" means a

1 collection of various plane coordinate systems that have been  
2 established by the United States Department of Commerce,  
3 National Oceanic and Atmospheric Administration, National  
4 Ocean Service, National Geodetic Survey, and predecessor  
5 agencies for defining and stating the position or location of  
6 points on the surface of the earth within the State.

7 "Metadata" means naming the used geodetic reference frame  
8 or datum; epoch or adjustment; unit of measurement; and  
9 projection.

10 Section 10. Illinois Coordinate System Committee.

11 (a) The Illinois Coordinate System Committee is hereby  
12 created. The Committee is created for the purpose of creating,  
13 reviewing, and revising the Guide to the Illinois Coordinate  
14 System. The Committee shall meet at the call of any designated  
15 member of the Committee. The Committee shall adopt an  
16 organizational structure as necessary for the fulfillment of  
17 its purpose.

18 (b) The Committee shall consist of the following members:

19 (1) the Secretary of Transportation, or the  
20 Secretary's designee, who shall serve as Chair;

21 (2) the Director of the Illinois Center for Geographic  
22 Information, or the Director's designee;

23 (3) the Director of Natural Resources, or the  
24 Director's designee;

25 (4) the Executive Director of the Illinois State Toll

1 Highway Authority, or the Executive Director's designee;

2 (5) the Director of Agriculture, or the Director's  
3 designee;

4 (6) one member of a statewide organization  
5 representing land surveyors, appointed by the Governor;  
6 and

7 (7) one member of a statewide organization made up of  
8 professionals who work with geographic information  
9 systems, appointed by the Governor.

10 (c) The Committee shall engage with interested  
11 stakeholders throughout the State representing local,  
12 regional, State, and federal agencies; professional  
13 associations; academic institutions; and private sector  
14 companies, enterprises, and businesses.

15 (d) The Committee shall create, review, and revise the  
16 Guide to the Illinois Coordinate System. This Act shall not be  
17 construed to prohibit the appropriate use of other datums,  
18 geodetic reference networks or systems, or other coordinate  
19 systems when made mathematically relatable to at least one  
20 coordinate reference system outlined in the Guide to the  
21 Illinois Coordinate System. The Guide to the Illinois  
22 Coordinate System shall:

23 (1) define the various plan coordinate systems of the  
24 Illinois Coordinate System;

25 (2) contain metadata to accompany the data from the  
26 Illinois Coordinate System, the Illinois State Plane

1 Coordinate System, or from any other datum, network, or  
2 system intended to be a part of a public record; and

3 (3) be made available to the public through the  
4 Illinois Geospatial Data Clearinghouse, or other public  
5 source approved by the Committee.

6 (765 ILCS 225/Act rep.)

7 Section 100. The Illinois Coordinate System Act is  
8 repealed.