



### Present-Day Land Cover

The land-cover map depicts both natural and man-made surfaces on the landscape based upon aerial imagery. The Iowa DNR created 15 unique classes for this dataset, including water, wetland, coniferous forest, deciduous forest (short, medium, tall), grass (type 1, type 2), cut hay, corn, soybeans, barren/fallow land, structures, roads/impervious, and shadow/no data. These classes are useful in clearly distinguishing different types of landscape features that would otherwise be difficult to discern from an aerial photograph.

For example, the balance of pervious and impervious coverage is clearly evident because impervious areas are represented as pink or magenta. Large expanses of impervious surfaces can cause significant drainage issues without proper planning, because they prevent the infiltration of precipitation and provide little to no friction to slow precipitation that is running off the surface.

Map Data Source: Iowa Department of Natural Resources, "Natural Resources Geographic Information Systems Library," accessed January 2015, <https://programs.iowadnr.gov/nrgislibx/>

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Iowa State University: Julia Badenhope, Sandra Oberbroeckling, Colby Fangman, Miao Fangzhou, Anh Le, Jessica Adiwijaya

Iowa Department of Transportation   Trees Forever   ISU Landscape Architecture Extension   ISU Extension Community and Economic Development



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