CI11309-L: Intelligent Hydrology with AutoCAD Civil 3D - Lab

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Class Summary

This is a lab session in which we will utilize AutoCAD Civil 3D software Parcels for an integrated solution for watershed area delineation, hydrologic analysis calculations, and drainage map production. We will work in a highly customized hydrology workflows template that includes parcel object and label styles setup, specifically to produce drainage maps with dynamic hydrology calculations updating as the watersheds are edited. We will finish by exporting our drainage map out for more complex analyses in Storm and Sanitary Analysis (SSA)

Key learning objectives

At the end of this class, you will be able to:

- Utilize AutoCAD Civil 3D software Parcels to perform hydrology analyses and prepare drainage maps
- Utilize label expressions to perform automated hydrology calculations integrated with your drainage map production
- Create dynamic drainage tables to summarize the hydrology model information
- Export your drainage maps to Storm and Sanitary Analysis (SSA) for more detailed calculations

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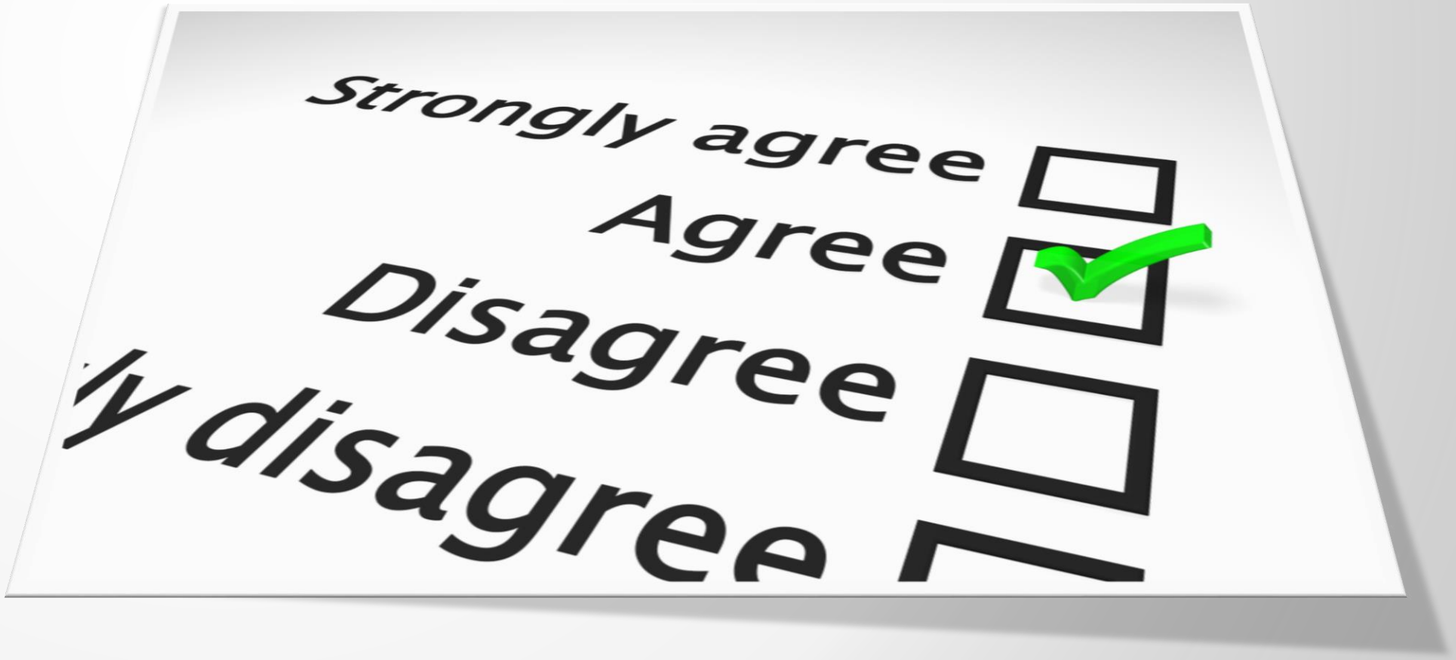

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