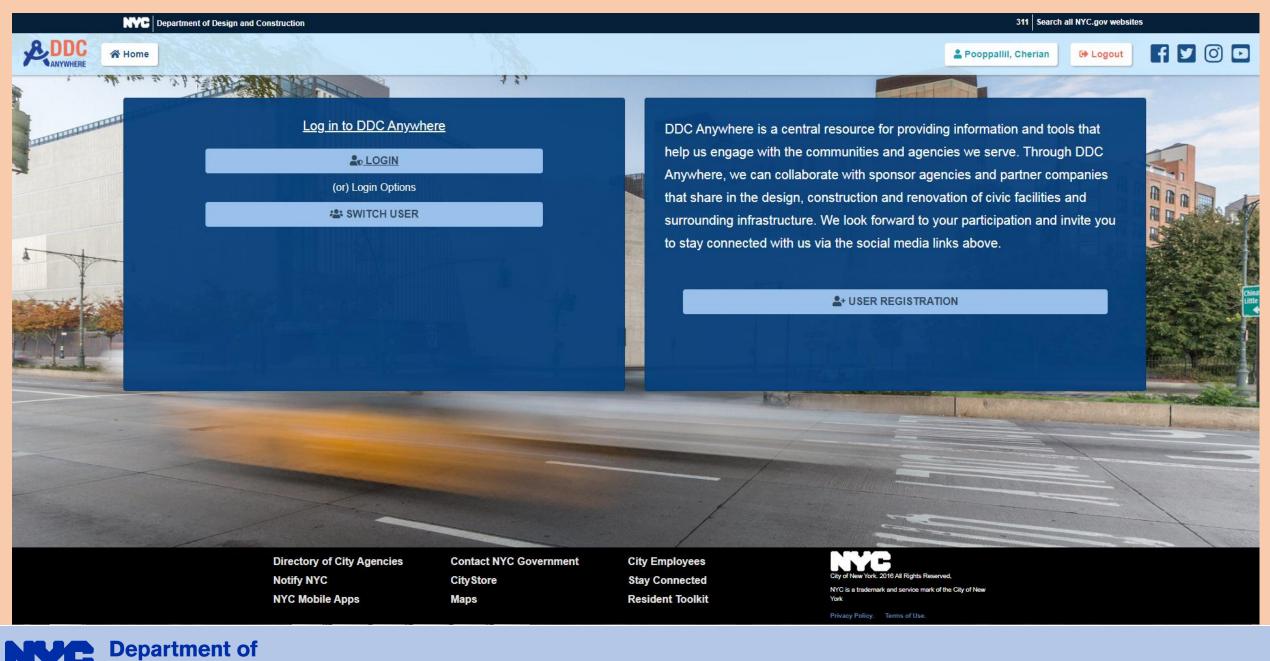
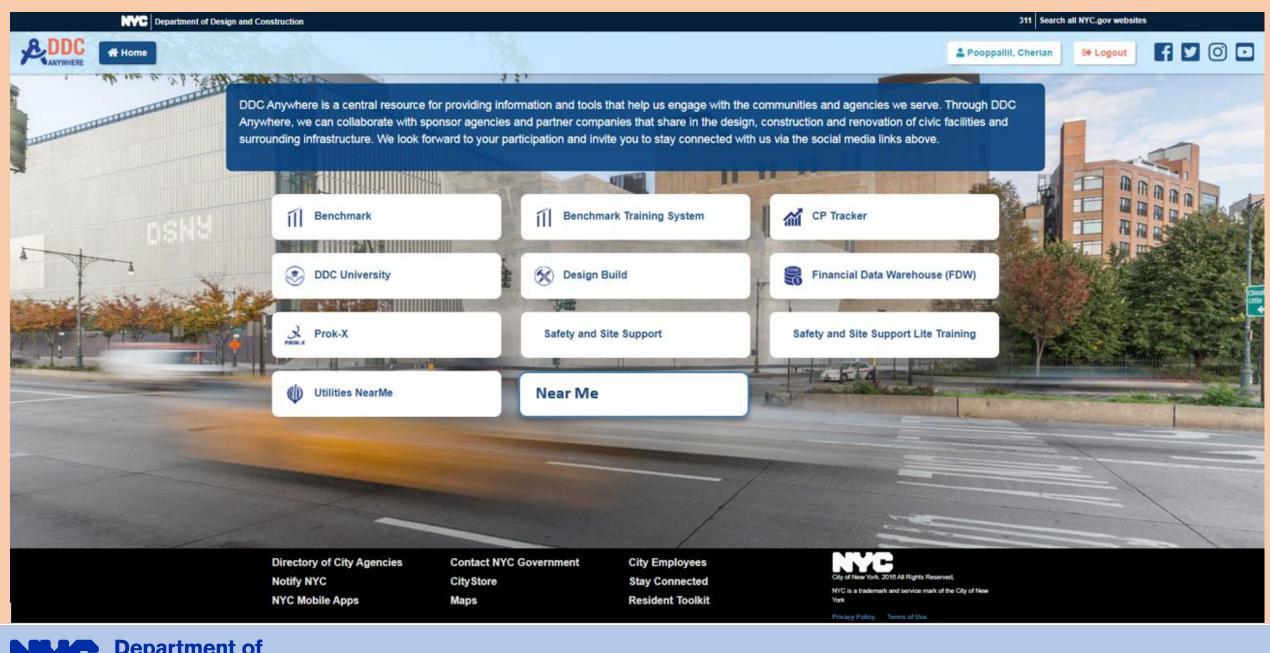
DDC CAD/GIS Integrations GISMO AppFair 2019

Cherian Pooppallil
Chief of CAD/Survey
NYC DDC











Current Projects

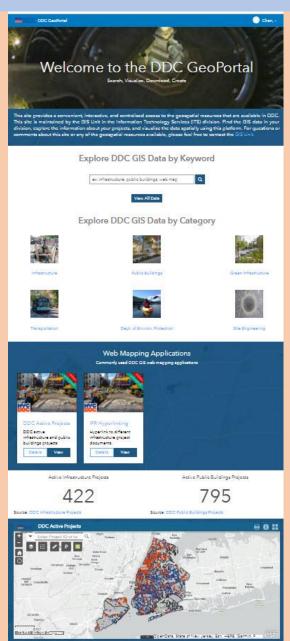


DDC GeoPortal

- Integrated Windows Authentication with Federated ArcGIS Server in Azure
- Feature Services, Web Mapping Applications, Project Statistics, Geo News Letters

Web Mapping Applications

- DDC Active Projects
- DDC Infrastructure Hyperlinking
- DDC Near Me

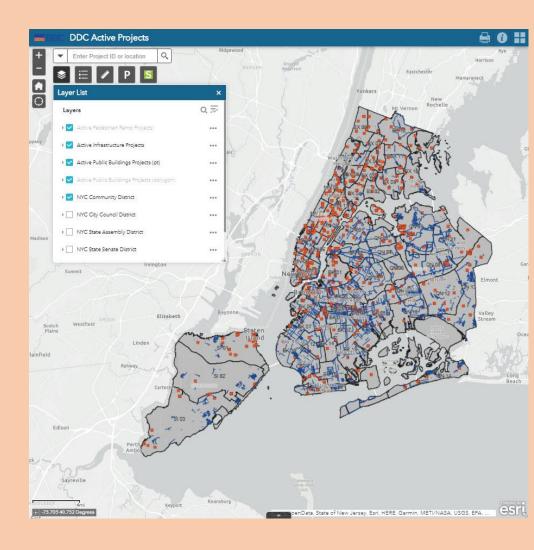


Web Mapping Applications



DDC Active Projects

- Active infrastructure and public buildings projects
- Link to other DDC applications (e.g. Benchmark) using Project ID parameter
- Incorporated Street Smart and Pictometry widgets



Web Mapping Applications

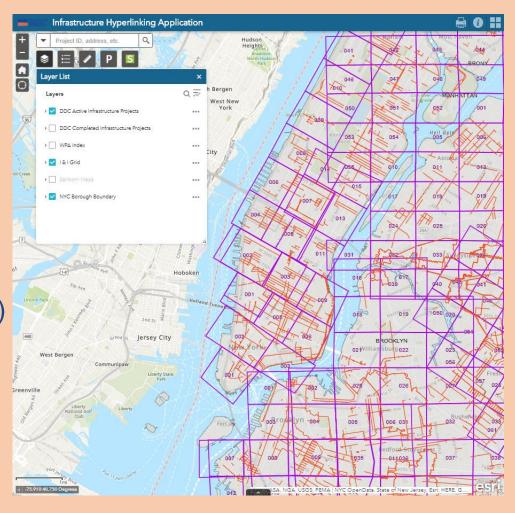


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DDC Infrastructure Hyperlinking

- Active and Completed infrastructure projects
- Link to other maps useful for infrastructure designs (DDM, WPA index, Infiltration & Inflow grid, Sanborn)



Web Mapping Applications



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DDC Near Me

- Collaboration tool with other utility and/or capital construction agencies
- Provide situational awareness with a centralized access to capital construction projects
- Can be accessed anywhere



Future Projects



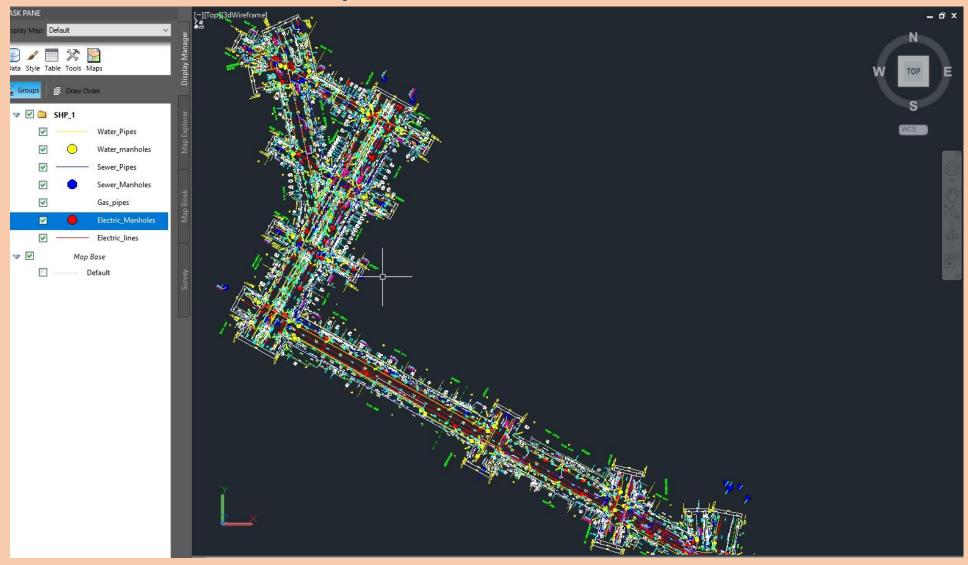
- 3D Underground Infrastructure Mapping
- Publishing Revit/BIM projects to GeoPortal
- Mapping citywide 3D boring profiles
- Design and As-Built drawings access in web applications



CAD and **GIS** Collaboration



Utilities presented in CAD environment



CAD and **GIS** Collaboration



Sewer connection presented in GIS format



CAD and **GIS** Collaboration



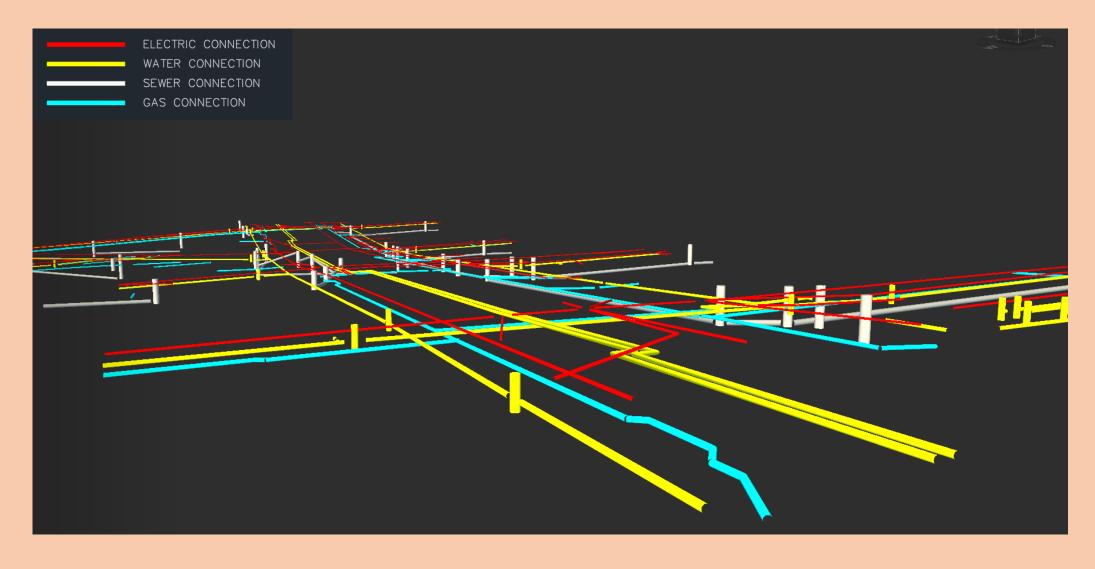
Water connection presented in GIS format



CAD and **GIS** Colaboration



Utilities presented in 3D Model





GISMO AppFair 2019

