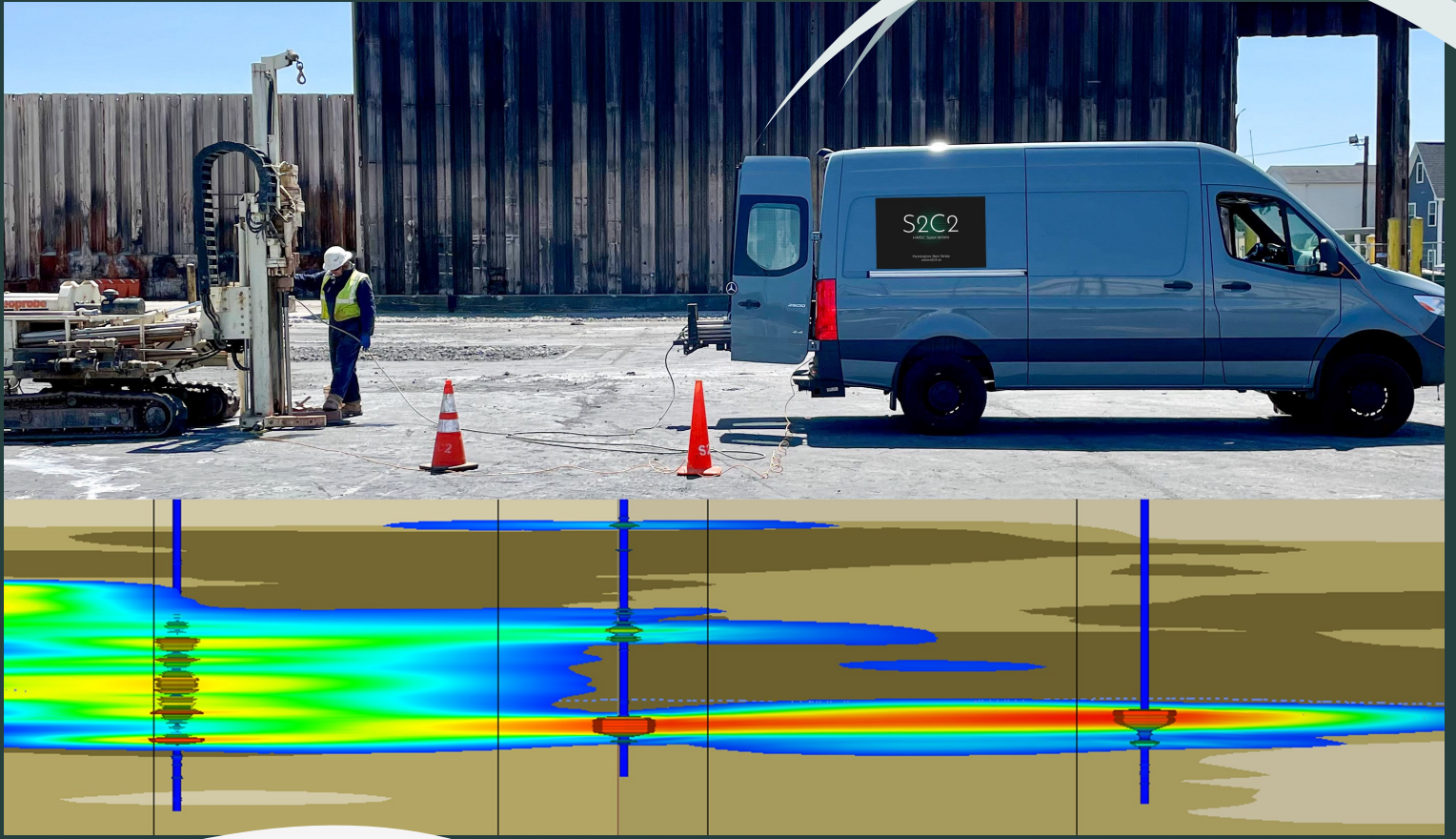


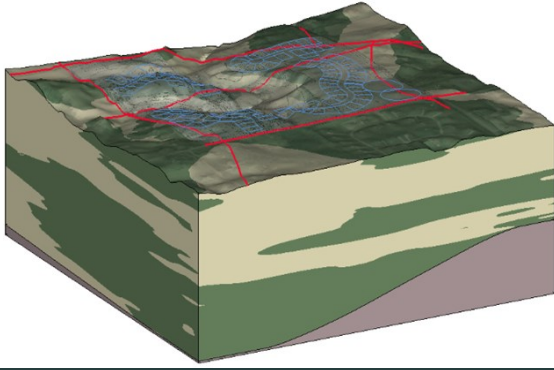
# 3-Dimensional Data Visualization Services



S2C2  
HRSC Specialists

47 East Main Street  
Building 1  
Flemington, NJ 08822  
908-270-0272

HRSC Specialists | Direct-Sensing • Direct-Push • 3D Visualization



## Core Data Visualization Services

- 3D Visualization in support of our direct-sensing units (HPT, MiHPT, OiHPT)
- Near Realtime Data Visualization in Support of Active HRSC Investigations
- Full 3D Conceptual Site Model Development - Migration of historical data, depositional based geologic model development, 3D analysis of analytical data sets.
- Traditional Data Management using GeoTech's EnviroData

**S2C2**  
HRSC Specialists

S2C2 is an environmental services firm that focuses on providing High Resolution Site Characterization (HRSC) support. At S2C2, we stand committed to excellence in environmental services, setting a benchmark that elevates us above our competition. Our team comprises top environmental specialists and experts who possess a deep understanding of the industry's latest advancements and best practices, enabling us to provide innovative, customized solutions that outpace traditional approaches. We use the industries leading software packages including C Tech's Earth Volumetric Studio (Studio), ESRI's ArcGIS, and GeoTech's EnviroData.

3-Dimensional Data Visualization (3DVA) and data management have been a core component of S2C2's service package since its founding. We have extensive experience creating advanced 3D Conceptual Site Models (CSM) for environmental Sites of all sizes and complexity.

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## Environmental Data is 3-Dimensional your Conceptual Site Model Should be too

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### HRSC Data Visualization

At S2C2 we have over 20 years of experience operating direct-sensing equipment and visualizing the data in 3-dimensions. Our data visualization team is one of the most experienced teams in the world at analyzing, interpreting, and visualizing direct-sensing data sets. We utilize advanced 3D kriging to transform high density boring data into succinct 3D CSMs. Once data is processed, outputs are tailored to our clients specific needs and can include:

- 3D Web Scenes
- Snapshots of the 3D scenes
- Traditional 2D output - cross sections, maps, etc.

## Advanced Geologic Modeling

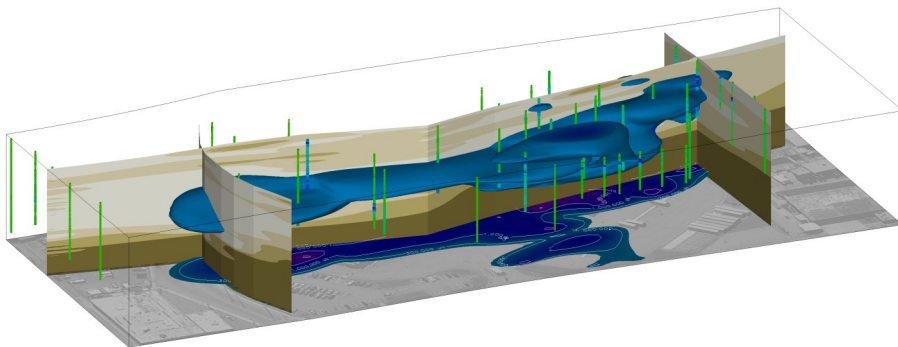
Depositional based geologic modeling following principals of Environmental Sequence Stratigraphy (ESS) using traditional data sets, direct-sensing data, down-hole geophysics, and publicly available data sets/maps.

## Data Gap Analysis

Earth Volumetric Studio allows for analysis of uncertainty and confidence of all kriging outputs. These statistical data can be used to evaluate data gaps for soil, groundwater or direct-sensing data sets.

## Volumetric Analysis

Studio also provides the ability to evaluate volumetrics of kriged data sets. This includes mass, volume, average concentrations, as well as options for evaluating excavation volumes. Multiple compounds can be evaluated as individuals and even as groups.



## Leverage Existing Data Investments – Migrate them to a 3D CSM

### 3D Conceptual Site Model (CSM) Development

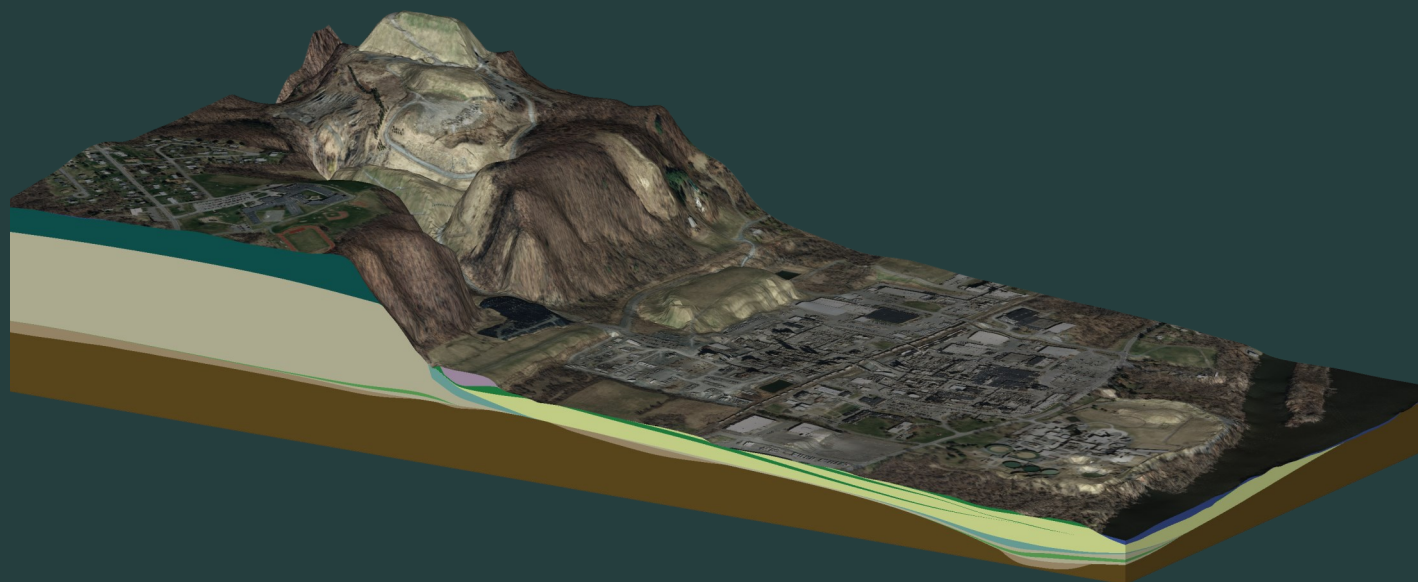
At S2C2 we have the experience and technical knowhow to leverage your existing historic data sets in combination with HRSC direct-sensing data sets (if available) to create a fully 3-dimensional CSM at any stage in the Site's life cycle. Once created this 3D CSM can be used to evaluate data gaps, assist with design of additional investigation programs, and assist engineers in remediation selection, design or optimization. In addition to being a powerful tool for the technical project team, the 3D CSM is the most effective tool for communicating complex environmental data sets to all stakeholders.

## Evaluate and Communicate Complex Environmental Data Sets

### Data Management

Data management as a component of a successful project is often overlooked. As projects progress, it is critical that Site data is secure, available, and maintains its integrity. Storing data in a relational database is the key to meeting data quality objectives and securing the investment of collecting environmental data. S2C2 utilizes GeoTech's EnviroData as a cost effective option for managing environmental data. As part of CSM development, we can migrate existing data into EnviroData and maintain the database for our clients.

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**S2C2 is committed to working with our clients through all project phases—from initial proposal, through field implementation to project completion. Contact us to discuss how our services can help you solve complex environmental problems.**

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