

### SiteLog Manager 2.0 – Intro

The current SiteLog Manager 1.0 is outdated as it functions on a series of patches since its initial development. With this in mind, the initial planning for SLM 2.0 began June 2021 with the first priority being to replicate the behavior and functionalities of the current system. This goal provides a strong foundation for future updates and improvements for the process of managing IGS station metadata.

- Python-based framework
- Same MySQL database engine
- Retains core features:
  - Upload entire sitelog text file, update specific section
- Focus on usability and efficiency



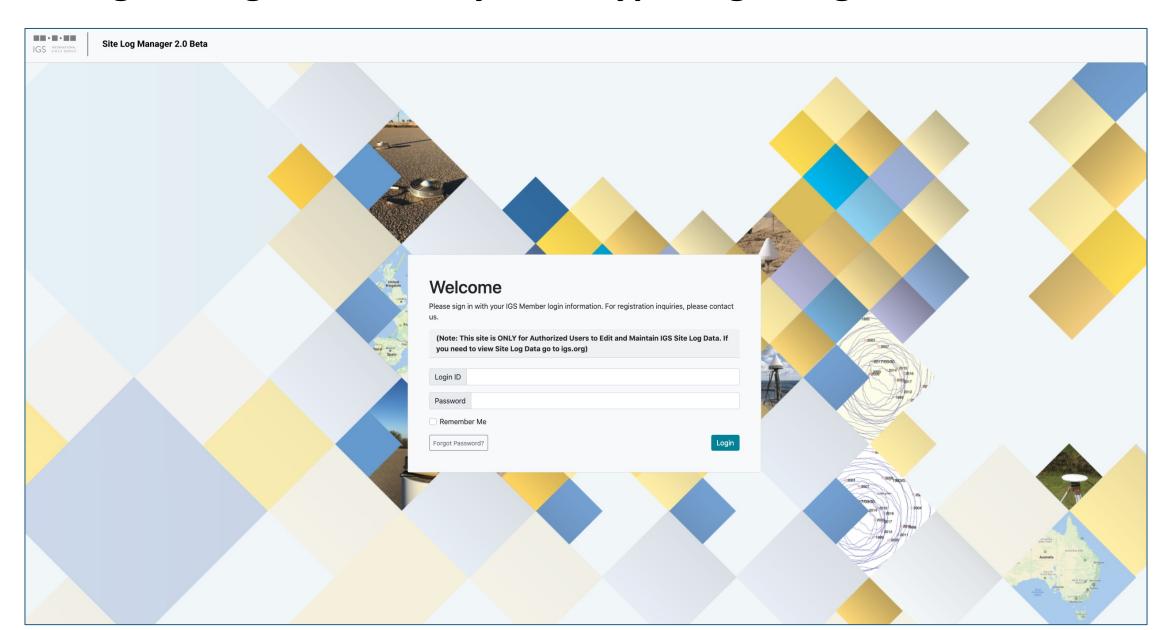
### SiteLog Manager 2.0 – Initial Development

Following the early planning stages, initial development began early August. The first SLM 2.0 prototype will be ready by early September with plans to continue its progress and testing throughout the remainder of the year before beta deployment.

- Implement core functionalities with proper security. Allow for easy transition from SLM 1.0 → SLM 2.0 using same database configuration. Release beta version.
- Coordinate with other metadata management systems to synchronize flow of data in a more automated fashion between systems. Implementation of SLM 2.0 provides first stepping stone for reaching this goal.
- Incorporate import/export capabilities using a more machine readable format (e.g. GeodesyML, JSON). First step towards seamless integration with other regional network management systems.
- Continue development towards improving experience with SLM 2.0 in regards to efficiency, security, usability, reliability.



# SiteLog Manager 2.0 – Early Prototype Login Page





## SiteLog Manager 2.0 – Early Prototype Station Page

