ABSTRACT

HAWC (HEALTH ASSESSMENT WORKSPACE COLLABORATIVE): A MODULAR WEB-BASED INTERFACE TO FACILITATE DEVELOPMENT OF HUMAN HEALTH ASSESSMENTS OF CHEMICALS

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RATIONAL AND OBJECTIVES

HAWC is designed as a distributed, collaborative workspace for conducting human health assessments of chemicals (OHAT/NTP/NIEHS). HAWC is intended to assist in creating human health assessments of chemicals and linking the science through an interactive interface that integrates existing data and assists in the assessment creation and decision making process. The overall objectives are to create a web-based environment to create, share, and display data, thereby reducing data redundancy and improving communication.

OVERALL FRAMEWORK

HAWC is designed as a distributed, collaborative workspace for conducting human health assessments of chemicals (OHAT/NTP/NIEHS). HAWC is intended to assist in creating human health assessments of chemicals and linking the science through an interactive interface that integrates existing data and assists in the assessment creation and decision making process. The overall objectives are to create a web-based environment to create, share, and display data, thereby reducing data redundancy and improving communication.

ASSUMPTIONS AND PERMISIONS

HAWC is designed for users who have expertise in conducting human health assessments of chemicals. HAWC is intended to assist users in conducting human health assessments of chemicals and linking the science through an interactive interface that integrates existing data and assists in the assessment creation and decision making process. The overall objectives are to create a web-based environment to create, share, and display data, thereby reducing data redundancy and improving communication.

REPORTS AND COMMENTING

HAWC is designed to facilitate the reporting and commenting of assessments. It includes features for sharing, commenting, and collaboration. The system allows users to create, edit, and delete comments, as well as view and respond to comments made by others. It also provides options for managing access and permissions for individual users or groups.

DATABASE AND VISUALIZATIONS

HAWC is designed to store and visualize data associated with human health assessments of chemicals. It includes features for importing, exporting, and manipulating data. The system allows users to search and filter data, as well as create visualizations such as graphs and tables. It also provides options for managing access and permissions for individual users or groups.

REFERENCES


TECHNOLOGIES USED

• HTML5, CSS3, JavaScript
• AngularJS, Bootstrap
• GitHub, GitLab
• RESTful APIs
• Azure, AWS, Google Cloud

ACKNOWLEDGEMENTS

This project was made possible with support from the National Institute of Environmental Health Sciences (NIEHS) under Award Numbers 1UO1ES024048-01 and 1U01ES023819-01. The content is solely the responsibility of the authors and does not necessarily represent the official views of the NIEHS or the National Institutes of Health.