# How Does the Global Spatial Data Model (GSDM) Fit In?

- The GSDM is a collection of rules for handling spatial data.

  - Functional Model; GPS.

  - Stochastic Model; positional tolerance.

- The GSDM is compatible with:

  - Modern measurement technology; GPS, total station, & others

  - Digital data storage and computer processing procedures.

  - The way we see the world. Whether the world is flat or not is no longer the issue. What we "see" is.

- The GSDM can be viewed as a computational standard.

  - Simple rectangular 3-dimensional geometry.

  - Same set of equations world-wide; no zone or projection constants.

  - Portrays view of world from perspective of user.

  - Defines simple compact method for data sharing.

  - Supports computation of standard deviations (positional tolerance) for all computed answers.

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