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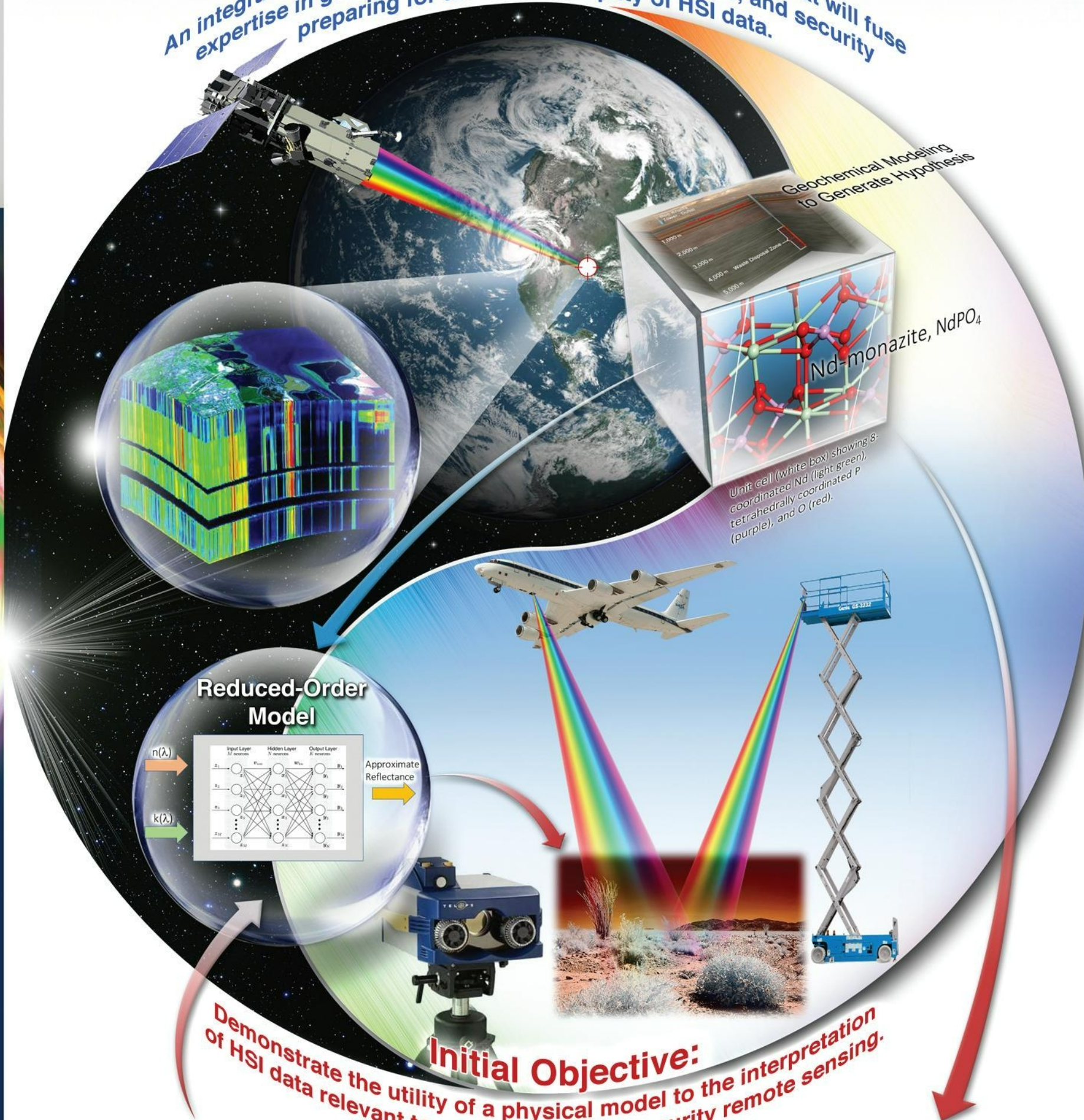


Exceptional
service
in the
national
interest

Developing the **Color Key** for “Hyperspectral Google Earth.”

The End Goal:

An integrated hyperspectral imaging (HSI) analysis model that will fuse expertise in geochemistry, spectroscopy, analytics, and security preparing for the future ubiquity of HSI data.



Forward/Inverse Model

$$n(\lambda_0) = 1 + \frac{2\lambda_0^2}{\pi} P \int_0^\infty \frac{k(\lambda) d\lambda}{\lambda(\lambda_0^2 - \lambda^2)}$$

