## SALMON    IUGONET

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## SALMON and IUGONET: data system and science on it

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SALMON, scientific data system which used to be mainly for Alaska middle and upper atmosphere observations, is starting involving metadata database for joint operation with IUGONET. Potential feasibility can be recognized of its metadata use concept for a model of future scientific analysis platform as interoperable distributed data systems and metadata management system in scientific organizations.

The concept of the future data system design which would maximize the scientific productivity in our fields will be discussed based on the current systems as a experimental test bed or prototyping.