

GIS for Petroleum

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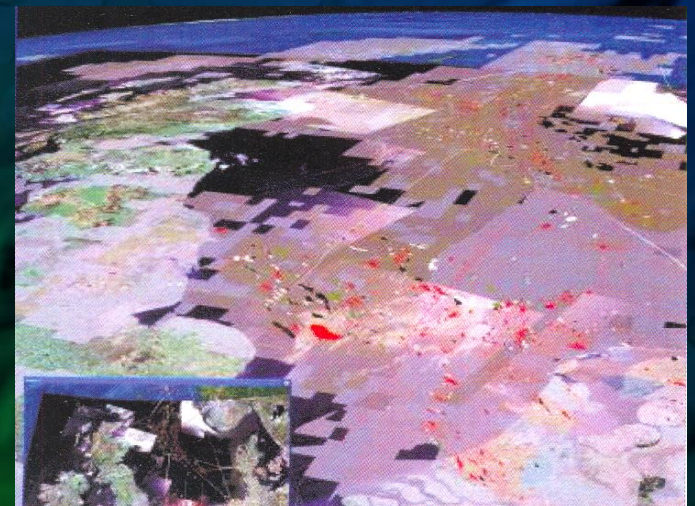
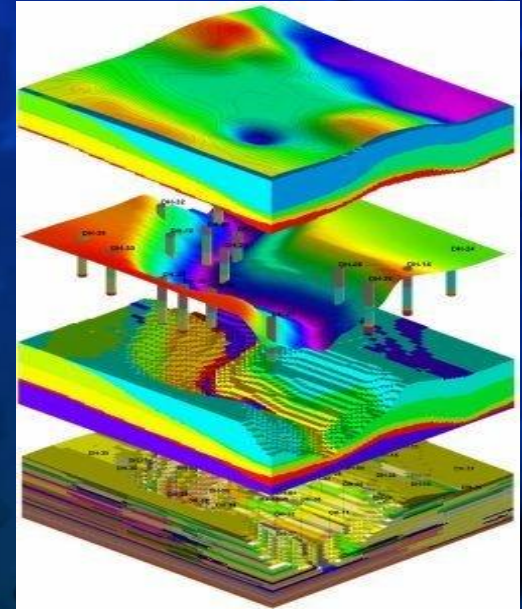
OBJECTIVES

- The Applications of the GIS technology.
- How the GIS technology can help.



INTRODUCTION

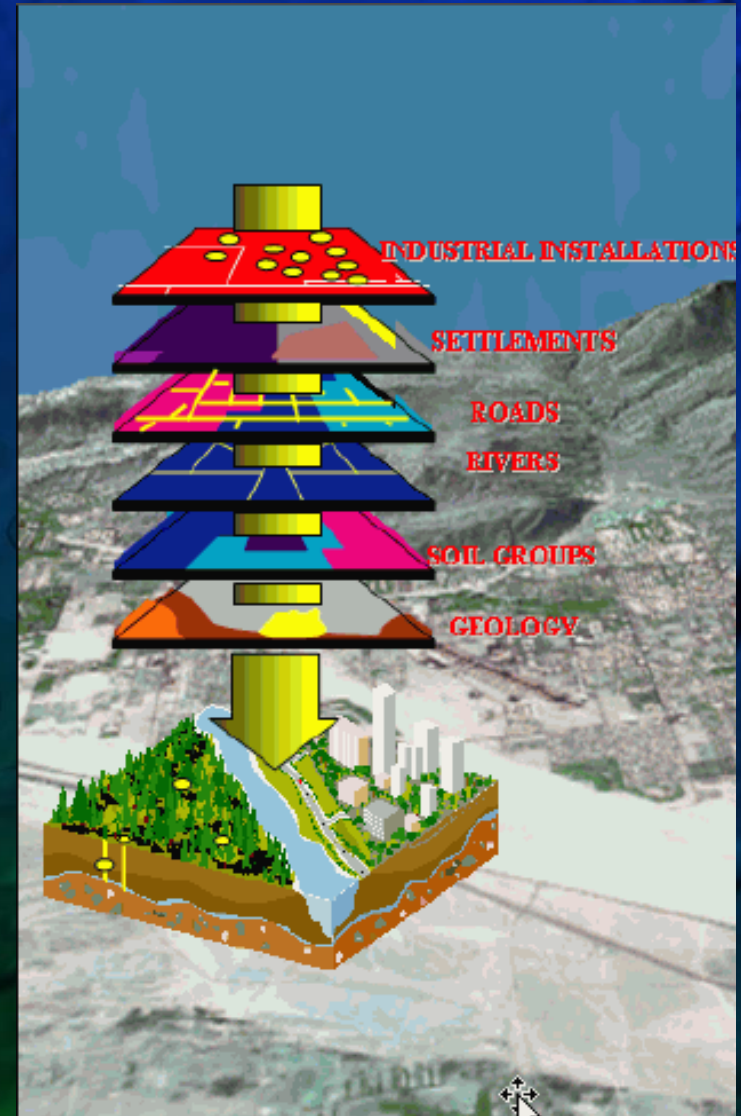
- The Utilization of GIS technology.
- Geography is required in every step.
- Using GIS to manage the different types of data required for exploration.
- Environment offers the exploration geologist a wide variety of options



Definitions

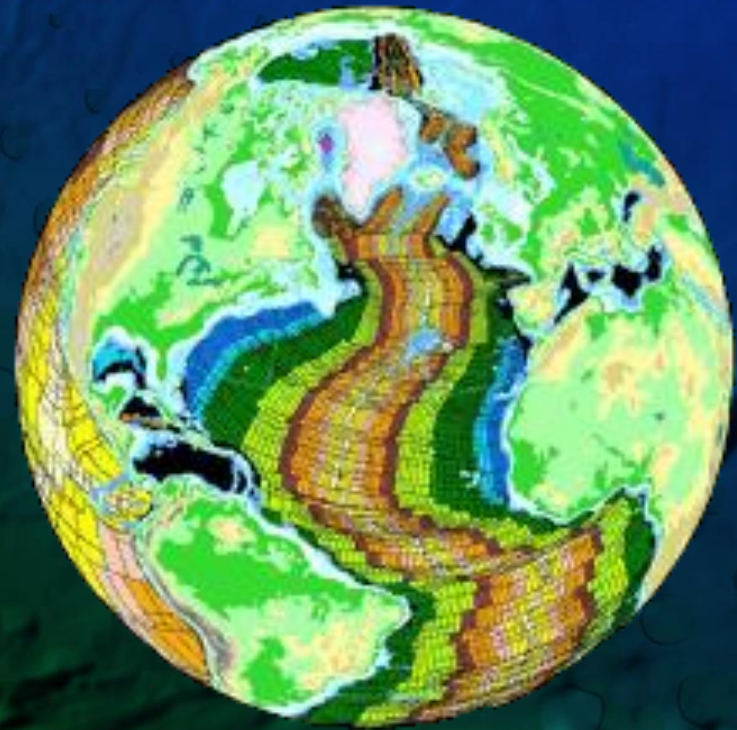
- The Association of Geographic Information (AGI) states that GIS is "a:

Computer system for capturing, sorting, checking, integrating, analyzing and displaying data related to positions on the Earth's surface.



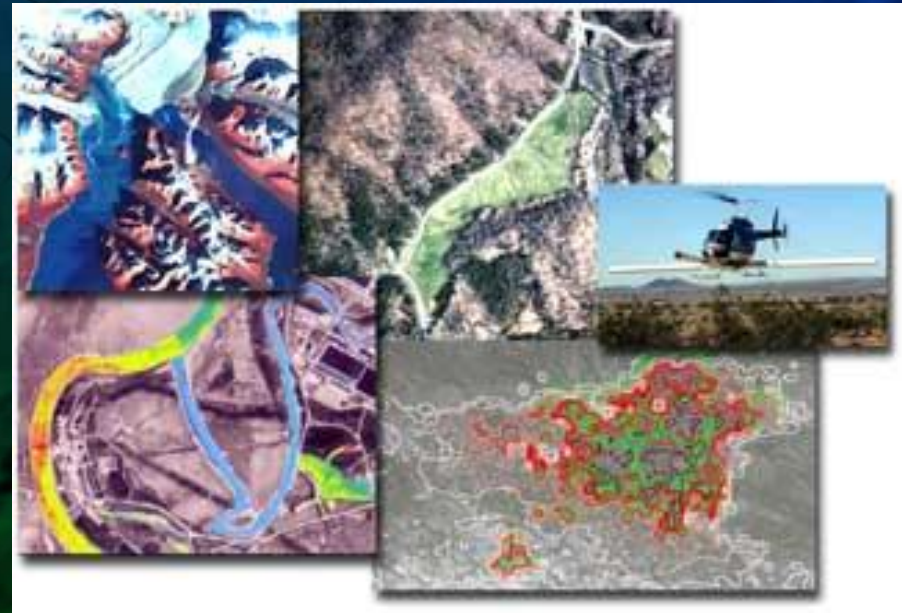
GIS Technology

- **Maps**
- **Information**
- **Decisions**



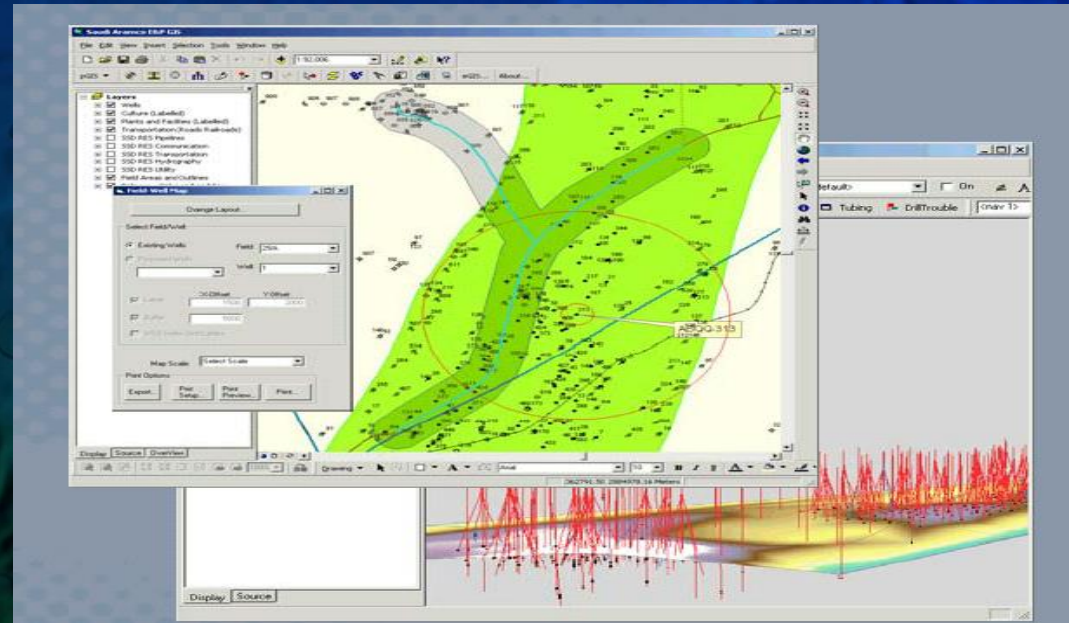
GIS applications in the petroleum industries

- Petroleum Exploration.
- Petroleum Production.
- Managing Facilities.
- Pipeline Management



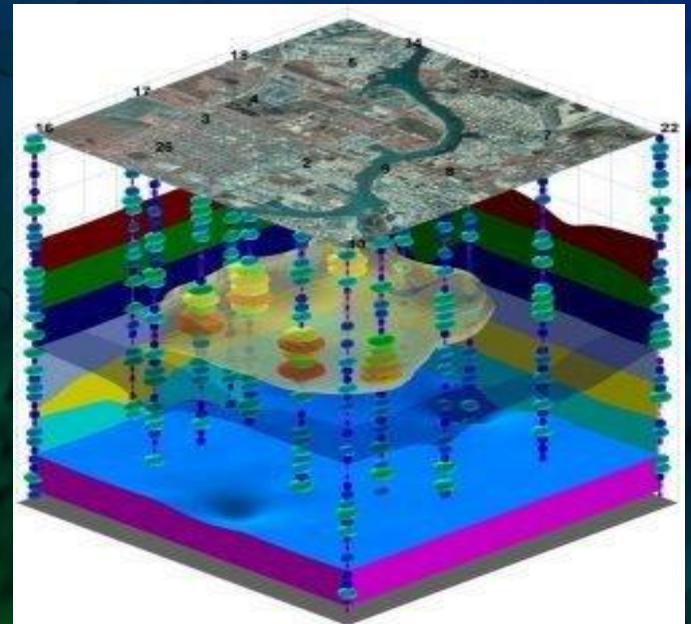
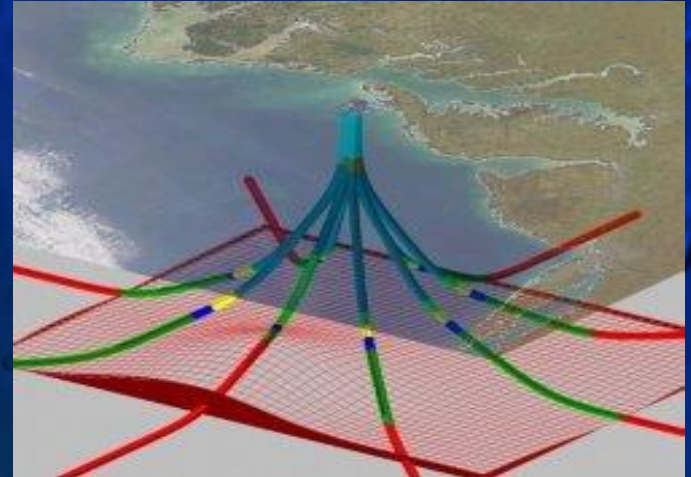
GIS Solutions for Exploration & Producing

- Exploration requires the analysis of many different types of data.
- To begin production at a selected location it is essential to examine a wide variety of geography, infrastructure, business, and environmental factors about the area



CONCLUSION

- The GIS environment offers the exploration geologist a wide variety of options for integrating regionalized geodata.
- GIS not only improves the speed, efficiency and accuracy of our maps but also provides the ability to make analyses that were never before possible.



Thank You

