

Research on VIV follows 3 lines:

- **CFD**
 - but while we wait for the ultimate computer we have to
- **Observe reality**
 - 2D cylinders
 - elastic beams in lab
 - large and full scale experiments in the sea
 - but we also need to
- **Extract information from the experiments**

Extract information from experiments
This work is often underestimated

- **We need to develop empirical models for prediction of VIV**
- **Guidelines**

My recommendation:

Always allocate sufficient resources for data analysis
Go back to previous experiments and dig for more gold!

Another observation:

- We know a lot!
- But this knowledge is not easily accessible
 - research has been going on for a long time
 - many people and research groups have been involved
 - people use different parameters and methods for data analysis
 - publications are often insufficient

It is not easy for an engineer or a young researcher to get a good overview of VIV

My recommendation:

Collect the most relevant research results and information on VIV, and present results and observations in a consistent way.

Such a report will be of great help for researchers and engineers, and support our effort towards improved understanding and safe design of VIV sensitive structures