

Introduction to Technical Reading

Chapter 2.

2009/3/9

Lecturer: Dr. Hsing-Lung Lien

Introduction section

Title = Introduction

Main Topics:

Why need an introduction in a technical report?

What you expect to read in the section of introduction?

How to read Introduction and gather useful information quickly?

- Why need an introduction in a technical report?
 1. to provide a clear statement of the problem or project and reasons that authors were studying it.
 2. to give a concise and appropriate background discussion of the problem and the significance, scope, and limits of the works.
 3. to outline what has been done (literature review)
 4. to show how this work differs from the previous work.

- What you expect to read in the section of introduction? (Characteristic of paragraphs)
 1. Statement of an environmental problem.
 2. Statement of current “solutions” and their drawbacks.
 3. Statement of current “solutions” and their advantages for solving the problem.
 4. Statement of a new “solution” and possibly its advantages.
 5. Statement of objectives, significant discovers, scope or limits of the works.

- How to read Introduction and gather useful information quickly?
 1. Take a look the title of article and keep in mind that title is the key for you to read Introduction easily.
 2. Words appear on Title are Keywords! These words would appear in the topic sentence at each paragraph.
 3. Figure out the characteristic of each paragraph.

Example

Use of Nanosized Catalysts for Transformation of Chloro-Organic Pollutant. Dror, I.; Baram, D.; Berkowitz, B. *Environmental Science and Technology* 2005, 39, 1283-1290.