

Published electronic media are becoming Grey.

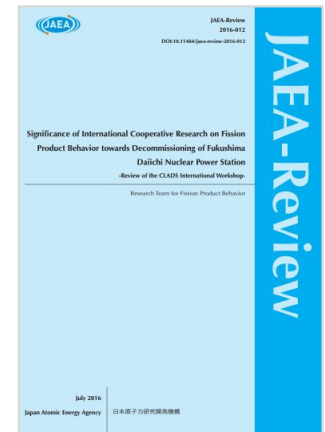
Yui Kumazaki, Satoru Suzuki, Masashi Kanazawa,
Katsuhiko Kunii, Minoru Yonezawa, Keizo Itabashi

Japan Atomic Energy Agency



About the JAEA Library

- One of the largest nuclear information centers in Japan
- INIS (International Nuclear Information System) national center of Japan
- Fukushima Nuclear Accident Archive (FNAA)
- Publishing technical reports (JAEA Reports)
- Dissemination of JAEA research results

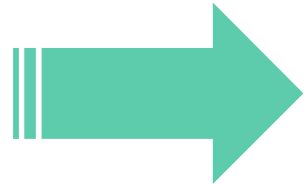


Background

- Focuses on collecting conference proceedings
 - Very important and referred materials in the fields of nuclear science and technology
 - **76%** of JAEA achievements announced at the conferences (and papers) (2015/04/01-2018/03/31)
 - Sometimes difficult to be shared
 - To improve the accessibility to the proceedings, which **were Grey**, by collecting

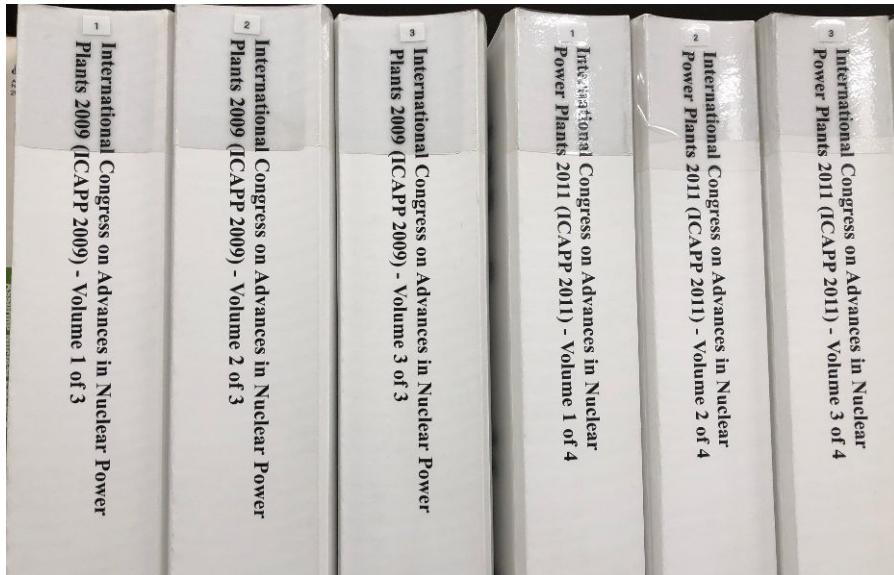
Background

Paper



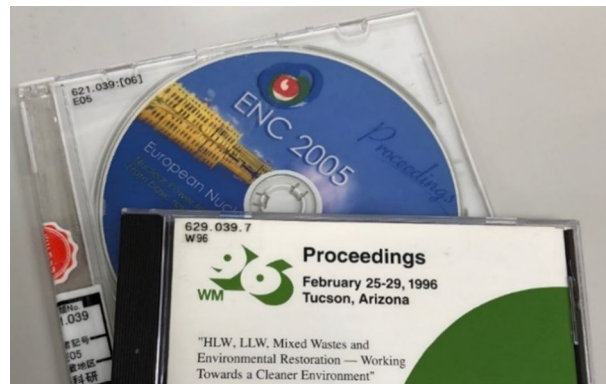
Electronic media :

CD/DVD-ROM, flash memories

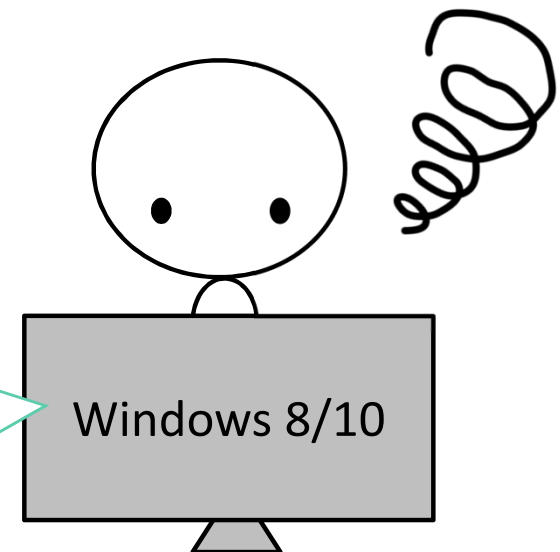


Problem of electronic media

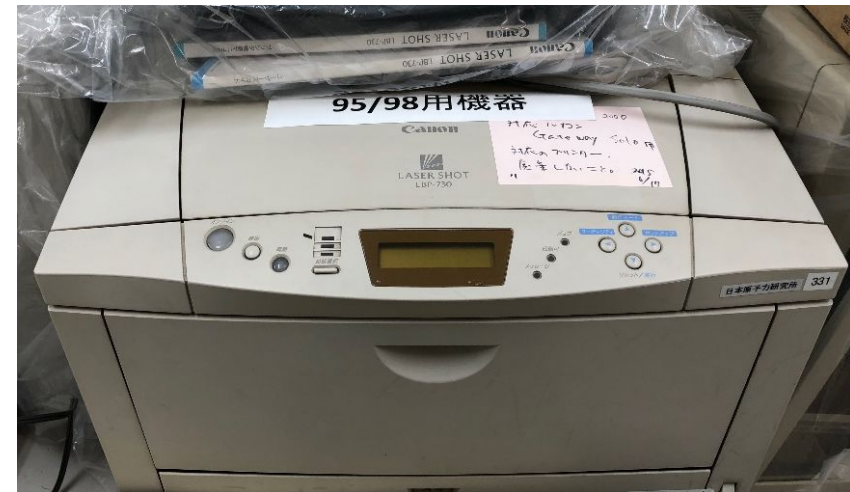
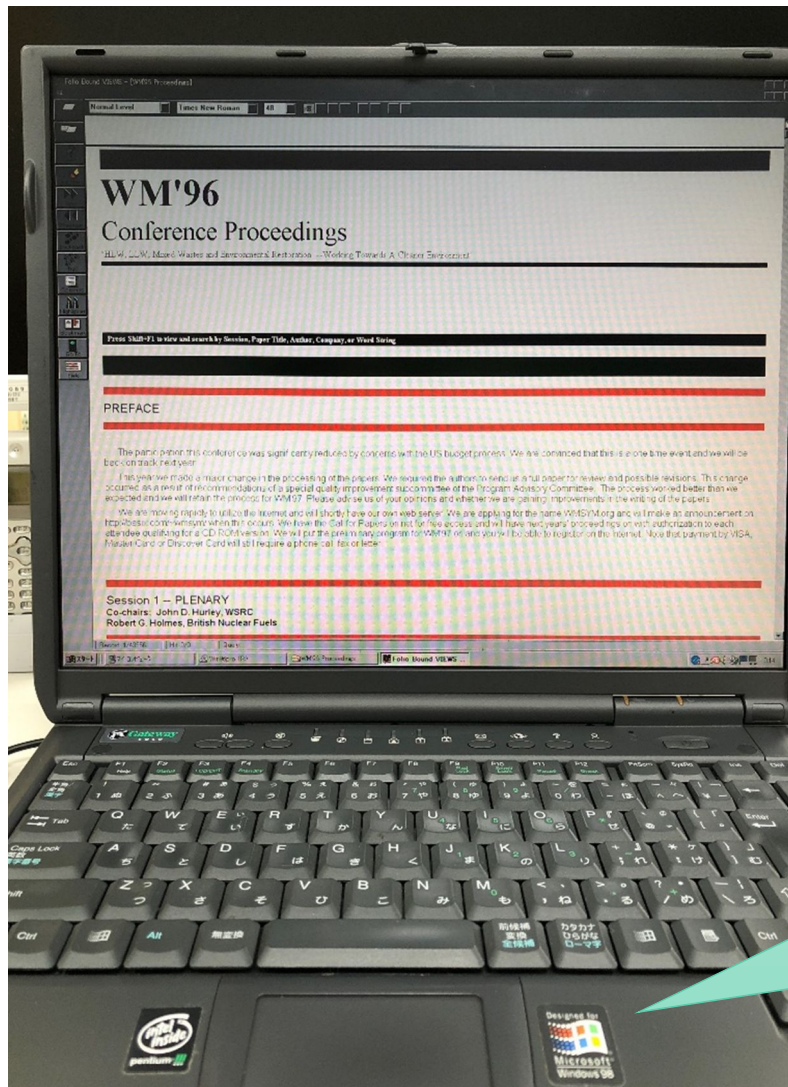
- Having made the proceedings more and further **Grey and useless**
- Due to:
 - Lifetime of electronic media and playback devices are short
 - Changes in standards/specifications of media and playback devices



“Not supported”



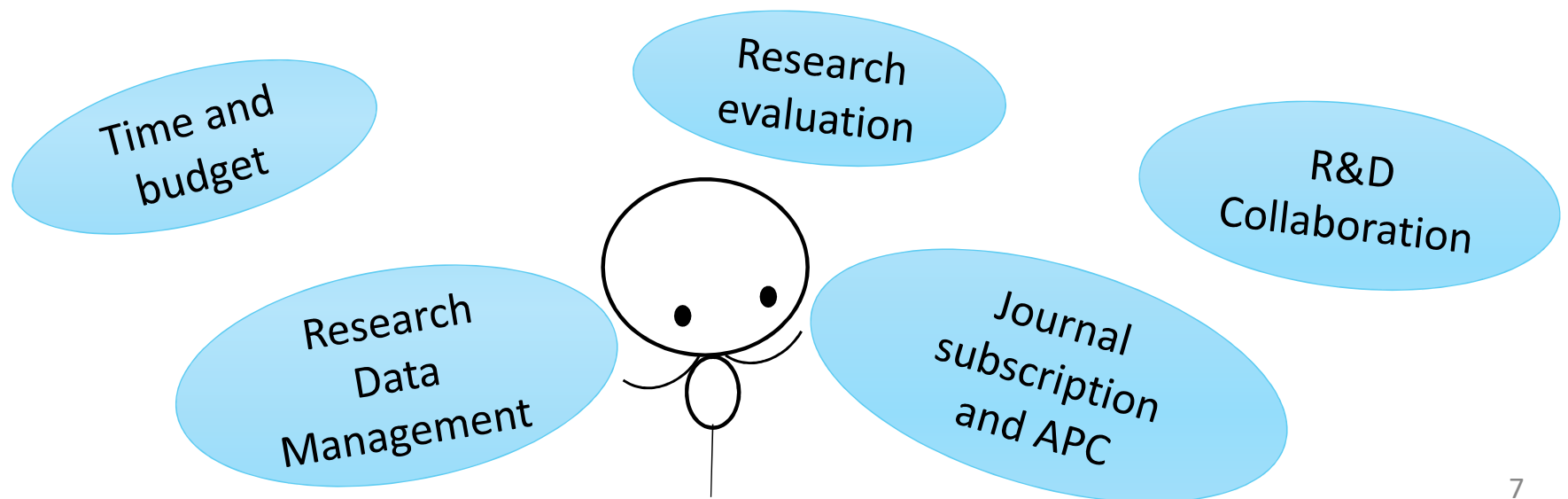
Problem of electronic media



Windows 95/98
Purchased in 2000
Difficult to print.

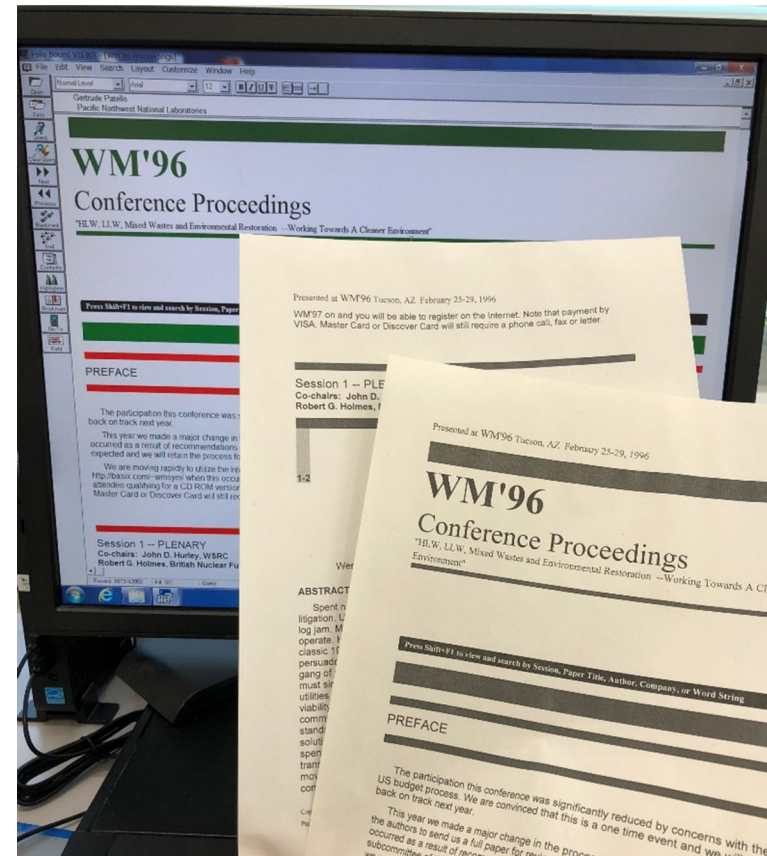
Possible countermeasures, But ...

- Long-time preservation and Ensuring accessibility
 - Emulation
 - Migration as conversion of file format etc.
 - Maintenance of the regeneration environment
- But we do not have the enough resources



What is important for users?

- After all, making up our mind,
 - The users should be able to read articles!
 - The users should be able to print them!
- We prioritized what we can **read and print**
 - By using Windows10(32bit)



Thank you for your kind attention

- How many electronic media are there around you?
- How are you dealing with?
- Would you tell me what you are in trouble with?