

CONFERENCE REPORT

INTERCHANGE OF EXPERIENCE IN ENVIRONMENTAL ENGINEERING

March 1-2, 1977, the 3rd International Seminar on *Wastewater Treatment and Disposal of Industrial Solid Wastes* was held at the Wrocław Technical University, promoted by:

- the Polish Society of Sanitary Engineers and Technicians (stands for PZiTS), Poland,
 - the Institut für Siedlungswasserbau und Wassergütewirtschaft, Stuttgart University, FRG, and,
 - the Institute of Environmental Protection Engineering, Wrocław Technical University, Poland.
- 24 invited papers were brought to discussion, 8 of them held by the research workers of the Stuttgart University, 16 by Polish authors.

The opening address was made by the Vice-President of PZiTS, Mr. Jarosław Rutkiewicz, M. S. Opening speeches were also delivered by

- the Dean of Civil Engineering Department of the Stuttgart University, Professor Dr Baldefrid Hanisch,
- the Director of the Institute of Environmental Protection Engineering of the Wrocław Technical University, Professor Bohdan Głowiak, D. Sc.,
- the Past-President of ISWA, Mr. Richard Kojetinsky, M. S., Vienna,
- the Director of the Institute of River Regulation and Solid Waste Management, Technical University of Vienna, Professor Dr. Walter Kemmerling.

Compliments have been sent by:

- World Health Organization, Regional Office for Europe, Copenhagen (Dr. Michael J. Suess),
- Swiss Federal Institute for Water Resources and Water Pollution Control, Dübendorf, Switzerland (Professor Dr. Rudolf Braun),
- International Solid Wastes and Public Cleansing Association (Professor Eng. Eugenio de Fraja Frangipane, ISWA-President, Milan).

The 1st day of debates was devoted to treatment of industrial wastewater:

- B. HANISCH: *Essential problems of industrial wastewater treatment in the FRG,*
- A. KLICH: *Social costs of the environment protection ,*
- T. WINNICKI: *Recent developments in wastewater treatment,*
- G. RETTENBERGER: *Application of flotation in industrial wastewater treatment,*
- M. SOZANSKI: *Rheological fundamentals of hydraulic transportation of sludge*
- M. KIESZKOWSKI and F. TUŻNIK: *Treatment and recovery of galvanic wastes,*
- E. GOMÓLKA and R. SZETELA: *Aerobic methods of Betanaphтол biodegradation,*
- D. BARDTKE and K. F. STAAB: *On the possible high-rate treatment of swine (feedlot) wastes,*
- K. BARTOSZEWSKI and J. PRZEWOŁOCKI: *Treatment of slaughterhouse and meat-packing wastes,*
- J. KIELI: *Wastewater treatment and solid waste disposal in the petroleum industry,*

- O. TABASARAN: *Treatment of wastewater generated during the washing of pyrolysis-exhaust-gases*,
A. KOWAL: *Water reclamation for industrial purposes*,
B. KOZIOROWSKI and A. OLESZCZYK: *Technological characteristics of industrial sludges*,
B. KOZIOROWSKI and A. OLESZCZYK: *Properties of aerated lagoon sludge*,
Z. CIEĆKIEWICZ, M. KORCZ and R. ZYCH: *Cementation of galvanic sludge*.

Papers delivered on the second day dealt with industrial solid waste disposal:

- J. SIBIGA: *Management of industrial solid wastes in environmental pollution control*,
R. SZPADT: *Regional management of hazardous wastes*,
G. BESEMER: *Pyrolysis of industrial wastes with high carbon content*,
H. MUŻYŁO and A. SZAYNOK: *Utilization of cement-flue-ashes*,
W. BIDLINGMAIER: *Land disposal of hazardous wastes*,
M. FERBER: *Controlled tipping of refuse and special types of wastes*,
H. SZCZEŚNIAK: *Re-use of some mineral residues*,
W. SCHENKEL: *Hazardous industrial wastes*,
P. ŻURAWSKI: *On the possible utilization of flue-ashes generated by power-plants*.

All the reports are published in the following two Conference Books: Scientific Papers of the Institute of Environment Protection Engineering of Wrocław Technical University, No 32, Conference No 5 (in Polish) and No 42, Conference No 9 (in German as a special issue of the "Stuttgarter Berichte zur Abfallwirtschaft").

The 350 participants of the Seminar represented 6 European Countries (A, B, ČS, D, H and PL), as compared with the 200 representatives at the 1st Seminar held at Cracow (Poland) 1973, and the 80 at the 2nd Seminar held at Stuttgart 1975, who came from 3 countries.

Each session was followed by discussions. The address of Professor Zygmunt Rudolf, Senior and Honorary Member of PZiTS and Fellow of the British Royal Society of Hygiene has brought particular attention.

The discussions have proved that the pollution control problems call for a wide international cooperation and information exchange. Such a cooperation is accomplished following the agreement between the PZiTS and the University of Stuttgart.

The 3rd through 5th days, the Speakers and invited Professors discussed in the health resort of Szklarska Poręba the teaching and education programmes of undergraduate, graduate and advanced post-graduate studies. Some preliminary agreements were made for the 4th Seminar which is planned to be held at the Stuttgart University in March, 1979.

Secretary of the 3rd Seminar
E. S. KEMPA, D. Sc., Associate Professor

