

**HIGHLIGHTS IN OUR SCIENTIFIC CAREER AND IN OUR LIFE.
A 50 YEAR JOURNEY ON RESEARCH AND DEVELOPMENT ON AQUATIC SCIENCES
AND AQUATIC ECOSYSTEM IN TROPICAL AND SUBTROPICAL REGIONS.**

José Galizia Tundisi & Takako Matsumura Tundisi

1959-1962 - Takako Matsumura and José Galizia Tundisi graduated in Natural History at the University of São Paulo (USP).

1961 - They started to work as technicians at the Oceanographic Institute of the USP.

1962 - They joined the Plankton Unit at the Oceanographic Institute. Marta Vannucci, Clóvis Teixeira, Miriam Kutner, Scintilla Prado and Maryse Paranagua were members of this group.

1963 - Started to conduct field work at the Cananéia Research Station in the state of São Paulo. An ecosystem approach was developed in this study, in which phytoplankton primary productivity, biogeochemical cycles and water masses were studied.

1964 - Developed a series of studies in the Lagunar Region of Cananéia and started the series of papers 'Plankton Studies in a Mangrove Environment'.

1964 - In October, Tundisi went to the University of Southampton to be trained in Oceanography. He obtained an M.Sc. degree in 1965. Upon his return to Brazil, he visited Prof. Ramon Margalef in Barcelona, Prof. Vittorio and Livia Tonolli in Lake Maggiore, and Prof. Steeman Nielsen in Copenhagen.

1965 - Takako went to Mar del Plata for a specialization course in Marine Ecology (International Course on Marine Ecology - Unesco).

1966 - Tundisi re-joined the group at Cananéia. He also started to prepare his Ph.D. thesis on plankton and productivity in the Lagunar Region of Cananéia

1967 - Takako Matsumura and José Galizia Tundisi were married in São Paulo.

1967 - Tundisi went to México for the International Symposium on Coastal Lagoons and met with Prof. Ramon Margalef.

1968 - Our son, José Eduardo Matsumura Tundisi was born.

1969 - Tundisi submitted his Ph.D. thesis at USP. His supervisors were Prof. Francisco Jeronimo Salles Lara and Prof. John E. G. Rayment (Southampton University, England).

1971 - Takako and Tundisi moved to the Federal University of São Carlos (UFSCar). The Lobo/Broa Ecosystem Research was created, with an ecosystem (watershed) approach.

1972 - The undergraduate course in Biological Sciences started at UFSCar.

1972 - Takako submitted her Ph.D. thesis to the Department of Zoology at USP. Her supervisor was Tagea C. Bjornberj and the thesis investigated the zooplankton at the Lagunar Region of Cananéia.

1973 - Takako and Tundisi went to the University of Southampton for Postdoctoral training (one year). Tundisi was a Queen's Scholar.

1976 - Start of the Postgraduate Program in Ecology and Natural Resources at UFSCar. This was the first graduate program in Ecology in Brazil. Tundisi was its first coordinator.

1978 - By an initiative of the São Paulo Research Foundation (FAPESP), Tundisi and Takako started the project Typology of Reservoirs of the State of São Paulo. Fifty reservoirs were studied in 2 years and seventy researchers participated.

1980 - Participated in the Congress of the International Society of Limnology (SIL) in Japan. They met with Prof. Yatsuka Saijo.

1982 - Foundation of the Brazilian Society of Limnology. Tundisi was the first president.

1983 - Participation in the SIL Congress in Lyon, France.

1984-1994 - Tundisi was elected the Director of the Center for Water Resources and Applied Ecology (CRHEA) at USP-São Carlos. During this period, they promoted several international conferences and meetings. In 1984, Tundisi and Takako started the first International Training Course in Limnology (at UFSCar and USP). They also established an association with Prof. Milan Straskraba, which resulted in the publication of three books and several papers.

1986 - Tundisi was elected Vice-President of SIL (1986-1989).

1983-1989 - Together with Prof. Yatsuka Saijo, they undertook limnological studies on the Rio Doce Valley lakes, in the state of Minas Gerais.

1989 - Tundisi implemented the Postgraduate Course in Environmental Engineering Sciences at USP-São Carlos. He was its first coordinator.

1989 - Participation in the SIL Congress in Munich, Germany, where the proposal for the SIL Congress in São Paulo was presented and approved.

1992 - Takako retired from UFSCar.

1995-Tundisi and Takako moved to Brasília, where Tundisi was appointed President of the National Research Council (CNPq) of Brazil from 1995 to 1999. During this period, Takako worked for the Coordination for the Improvement of Higher Education Personnel (CAPES). In the same year, Tundisi, Takako and other Brazilian Limnologists organized the SIL Congress in São Paulo, in which 1.350 scientists from 65 countries participated.

1996 - José Eduardo Matsumura Tundisi graduated in Mechanical Engineering at the São Paulo State University (UNESP), in Bauru.

1996 - Tundisi retired from USP-São Carlos.

1999 - Tundisi and Takako returned to São Carlos, where the International Institute of Ecology (IIE) was founded.

1998 - José Eduardo Matsumura Tundisi and Elismara Grimberg were married.

1999-2003 - Takako coordinated the Biota/FAPESP Project: the study of 220 reservoirs, shallow lakes and other water bodies in the state of São Paulo. The focus was on zooplankton diversity and the effects of pollution.

2002 - José Eduardo Tundisi obtained his M.Sc. at USP-São Carlos.

2003 - The International Association of Ecology and Environmental Management was implemented at the IIE.

2003-2007 - Several projects were developed at IIE/IEGA: consultancy, research and international courses and seminars.

2006 - José Eduardo Matsumura Tundisi obtained his Ph.D. in Ecology and Natural Resources at UFSCar. His supervisor was Prof. Odete Rocha.

2007 - Tundisi was appointed as chairman of the IAP Water Programme for training of managers in six countries. A network was established and 20 books were published.

2008 - Tundisi and Takako published the book 'Limnology' (Oficina de Textos, 632p.), which had excellent reviews.

2008 to the present - Research, consultancy and capacity building are continued with a focus on ecosystem research, limnology of reservoirs, aquatic biodiversity and management of watersheds.

2010 - Participation in the INCT ACQUA: Mining, Water Resources and Biodiversity (Coordinator: Prof. Virginia Ciminelli, UFMG).

2011 - Commemoration of 40 years of Ecological Research at Lobo/Broa Reservoir. The book 'Water Resources in the 21st Century' was launched (Oficina de Textos, 308p.).

In the last 10 years, our grandchildren Victor Hugo Tundisi and Maria Eduarda Tundisi joined us.

STRATEGY: Maintain the focus, do not stop to correct mistakes, continue the research work, maintain and expand capacity building, participate in networks of competence at international level, and help students. Maintain and expand the ecosystem approach. Interact with the public, managers, and schoolteachers. Never give up the aim for better quality in research and in life. Share knowledge. Make friends around the world. Think ahead. Drink good wine.

ACHIEVEMENTS

JOSÉ GALIZIA TUNDISI

- Books - 33
- Scientific papers: reviews, original papers, book chapters - 320
- M.Sc. students supervised - 39
- Ph.D. students supervised - 32
- Managers trained - 300

TAKAKO MATSUMURA TUNDISI

- Books - 5
- Scientific papers: reviews, original papers, book chapters - 130
- M.Sc. students supervised - 28
- Ph.D. students supervised - 14
- Managers trained - 300