



CV-Biography 2016. Professor, Dr. hc. Egil Øyjord, Founder, Honorary President and Patron of the International Association on Mechanization of Field Experiments (IAMFE) www.iamfe.org
Appointed Honorary Professor of China Agricultural University, Beijing, 1994 and Honorary Doctor (Dr. hc.) of St. Petersburg State Agrarian University 2004. In 2013 I was appointed Honorary Professor of Qingdao Agricultural University, Shandong Province, China.

I was born in Northern Norway on August 31, 1928. Upon my graduation from the Norwegian University of Life Sciences in 1955, I started my work on developing machinery and equipment for mechanization of field experiments in agronomy and plant breeding research.

In 1960 I was granted a Fellowship from W. K. Kellogg Foundation, USA, and a travel grant from the Agricultural Research Council of Norway for studies at Michigan State University (MSU), East Lansing, Michigan, USA. In 1962, I received a Master of Science Degree in agricultural engineering and a minor in statistics from MSU.

Upon my return to Norway in February 1962 I continued my work on developing machinery and equipment for mechanization of field experiments at the Norwegian Institute of Agricultural Engineering. From 1990 my work was transferred to the Norwegian University of Life Sciences.

From 1962 to 1976 I concentrated my work on development and production of high quality batch type plot seeders for plant breeding and variety testing of cereals and other seeds in close cooperation with a Norwegian manufacturer: Jens A. Schou Mek. Verksted, Drøbak Norway. Later on I cooperated with manufacturers in other countries.

Development of The International Association on Mechanization of Field Experiments (IAMFE).

1958: On a seven week study trip to five European countries, I conceived the idea that the various countries should cooperate in establishing an "*European Institute on Mechanization of Field Experiments*". I developed "*A Plan for Efficient Mechanization of Field Experiments*" but was not able to find financial support in Europe and USA for establishing the proposed institute.

1963: In order to get my ideas evaluated by a conference of plant scientists, I secured a grant from the Norwegian Department of Agriculture. I also sent an application to *NATO Scientific Affairs Division*, Paris for arranging the proposed conference in Norway.

1964: NATO Scientific Affairs Division granted me US \$ 15 500 for arranging a "*NATO Advanced Study Institute on Mechanization of Field Experiments*".

June 15-27, 1964: NATO Advanced Study Institute was arranged at the Norwegian Institute of Agricultural Engineering, Ås. 71 participants from 17 countries attended this conference.

I presented my plan for an European Institute on Mechanization of Field Experiments and I also proposed the establishment of The International Association on Mechanization of Field Experiments (IAMFE).

The majority of participants voted to establish "*The International Association on Mechanization of Field Experiments (IAMFE)*". I was elected Chairman of the Executive Committee.

1968 to 1996: At the General Assemblies of IAMFE arranged every four years at the IAMFE Conferences, I was reelected as President of IAMFE.

From 1964 to 1993: Except for 14 months 1972-73, I was also Executive Secretary of IAMFE because we had no funds to employ an Executive Secretary.

1993: I became professor in mechanization of field experiments. So far I am the only person in the world who has been appointed to this position.

2000: After 36 years as president of IAMFE, I asked the General Assembly of IAMFE not to be re-elected as President of IAMFE.

As IAMFE representative I have participated as a member of the National Organizing Committees for planning of the first 11 of the 14 International IAMFE Conferences and Exhibitions arranged so far: Norway '64, West-Germany '68, Czechoslovakia '72, USA '76, Netherlands '80, Ireland '84, Hungary '88, Germany '92, China '94, France '96, UK '2000, Russia '2004, Denmark '2008 and China '2012.

I have also participated and contributed to all our 14 International IAMFE Conferences and Exhibitions.

In addition, I have also cooperated in the planning and participated in five of our six Regional IAMFE Conferences and Exhibitions: Sweden '77, India '85, Syria '87, Lithuania '95, Argentina '98 and Russia '2006.

Since the establishment of the French Branch of IAMFE in 1984, I have worked for establishing National Branches of IAMFE. At present we have 10 National Branches of IAMFE.

I have reported on my work in The History of IAMFE 1964- 2014, IAMFE 50 Years, and in the Proceedings of the International and Regional IAMFE Conferences and Exhibitions as well as in IAMFE News and in other publications. Many of my publications have been translated to Arabic, Chinese, Hungarian, Russian, Spanish and other languages.

Besides presentation of papers and lecturing at our International and Regional IAMFE Conferences and Exhibitions, I have been invited to lecture at various conferences arranged by: FAO, Rockefeller Foundation, The World Bank, The International Rice Research Institute, (IRRI) Philippines, The International Maiz and Wheat Improvement Center (CIMMYT), Mexico, ICRISAT, India, ICARDA, Syria and many other institutions.

In 1983 I received my first invitation from the Chinese Ministry of Agriculture to lecture at a Symposium for Chinese scientists and technicians from all over China at Beijing Agricultural University.

Other IAMFE work

1968: I started *"The International Handbook on Mechanization of Field Experiments (The IAMFE Handbook)"*.

1983: I started *"The International Directory of Manufacturers of Machinery, Equipment and Instruments for Agricultural Research (The IAMFE Directory)"*. Two updated editions were published by Torbjorn Leuchovius at the International IAMFE Centre, Sweden. The IAMFE Directory replaced the IAMFE Handbook.

1998: With financial assistance from The Norwegian Research Council I secured publication of a Chinese Textbook on *"Mechanization of Plant Breeding and Seed Processing"*. This textbook is used in the education at Chinese Agricultural Universities.

I have been editor or co-operated as editor of Proceedings of IAMFE Conferences.

Merits as a designer of batch type plot seeders for plant breeding and agronomic trials.

1957-58: I designed the first batch type Øyjord 10-row plot seeder for front mounting on a two-wheeled garden tractor.

1958-60: I made many improvements in construction of prototypes of 4-rows, 6-rows and 10-rows batch type Øyjord plot seeders. A six-row plot seeder designed for seed control was sent to Denmark.

1960: Based on testing and orders from Norwegian institutes and research farms, I started production of a series of 20 units of the 10-row plot seeder and 5 units of the 4-row plot seeder at Jens A. Schou Mek. Verksted, Drøbak, Norway.

This was the worlds first serial production of multirows batch type plot seeders.

The ordered seeders were delivered in the spring of 1961. Norway was the first country in the world which replaced Pracner plot seeders or traditional seeders with batch type plot seeders in plant breeding and variety trials.

Jens A. Schou Mek,Verksted started export of the Øyjord plot seeders to Denmark, Sweden, England, Germany and later to other countries in the world.

1966: In order to meet the demand for the various models and sizes of plot seeders, I established Øyjord Research Laboratory in Jens A. Schou Mek. Verksted.

1976: I terminated Øyjord Research Laboratory in Jens A. Schou Mek. Verksted.

From 1974 to 1976 I transferred production of Øyjord plot seeders to Walter and Wintersteiger Company, Ried, Innkreis, Austria.

During the time of production in Jens A. Shou Mek. Verksted, Norway, including 1976, the Øyjord plot seeders were exported from Norway to 57 countries.

Orders for Øyjord plot seeders came from all continents of the world.

1979: After testing of seeders for forest nurseries in Missoula, Montana, USA,1976, the J. E. Love Company, Garfield Washington obtained a licence from me and started production of the Love/Øyjord seeder for forest nurseries.

In 2016 it was reported that Øyjord plot seeders or key parts of the Øyjord plot seeders are in use in plot seeders in more than 130 countries of the world.

In The History of Øyjord plot drills/seeders, I have documented the development of my seeders. Please see: www.iamfe.org and click The History of Øyjord plot seeders.

An easy documentation of the use of various models of the Øyjord plot seeders can be found by seeking on: YouTube Egil Øyjord.

I am very proud to recommend you to see Mexico 1979. During my stay as a guest scientist at The International Centre for Improvement of Mais and Wheat (CIMMYT). I filmed my self-propelled plot seeders in operation

Statements, honors and awards

1964: Among many flattering statements from a Resolution adopted by the participants of the IAMFE/NORWAY '64 Conference, I am referring this:

"We would single out the name of Egil Øyjord as one deserving our highest praise for his farsightedness and motivation that made this meeting possible. We are well aware of the efficient planning that has made this a well organized and conducted conference".

1972: I received the Mexican issued "*Green Revolution Commemorative Medal*" from the Nobel Peace Prize Winner 1970, Dr. Norman E. Borlaug.

1977. I got my biography in "*Who's Who in the World*", Third Edition 1976/77.

1990: At a visit in the Mendel Museum, Brno, Czech Republic, I received the "Gregor Mendel Commemorative Medal issued by Mendelianum, Brno.

1994: At the banquet for celebration of the closing of the Ninth International IAMFE Conference and the 30th Anniversary of IAMFE, I was awarded a plaque from the Organizing Committee of IAMFE/CHINA '94, stating: "*Your outstanding contributions have brought the good name of Øyjord to all over the world and most gratefully to China*".

The plaque was handed over by the Chinese Vice Minister of Agriculture, Mr. Liu Cheng Guo.

1994: Appointed Honorary Professor of Beijing Agricultural Engineering University. Upon a change of name to China Agricultural University (CAU), this honor was transferred to CAU.

1998: The Mendel University of Agriculture and Forestry, Brno, Czech Republic, *awarded a medal and a diploma to Prof. Dr. Egil Øyjord for my world-wide contribution to mechanization of field experiments and in particular for my cooperation with the Czechoslovakian plant breeders.*

1998: At the celebration of my 70th birthday, members of the Russian Branch of IAMFE gave me a plaque with the following inscription: "*Professor Egil Oyjord, Founder of the International Association on Mechanization of field Experiments. Your life long devotion to agricultural sciences, Your personal qualities have set an example to the coming generations*".

At the celebration of my 70th birthday, the Executive Secretary of IAMFE and The Executive Committee and the members of IAMFE awarded me a plaque stating: *This is to certify that*

Prof. Egil Øyjord, Founder and President of IAMFE since 1964 has extraordinary merits in organizing the International Association on Mechanization of Field Experiments (IAMFE)".

2000: At the 10th General Assembly of IAMFE arranged at IAMFE/AAB 2000 in England, I resigned as President of IAMFE and was appointed "*Honorary President, Founder and Patron of IAMFE and Honorary member of the Executive Committee of IAMFE*".

2001: The Executive Committee of IAMFE nominated me for "*The World Food Prize*".
www.worldfoodprize (US \$ 250 000)

2002: Named as "*A Living Legend*" by The International Biographical Centre, Cambridge, England

2003: Awarded "*The Kings Medal in Gold for Merit*"

2004: Appointed "*Honorary Doctor (Dr. h.c.)*" of St. Petersburg State Agrarian University (SPSAU) Pushkin, St. Petersburg, Russia.

2013: Appointed "*Honorary Professor*" of Qingdao Agricultural University, Shandong Province, China.

2014: At the celebration of the 50th Anniversary of IAMFE which took place at the Norwegian University of Life Sciences, Ås, Norway, I received The IAMFE Certificate of Honor stating: "*Egil Øyjord, For your tireless work in the foundation and development of IAMFE, the IAMFE is pleased to honor you with The Lifetime Outstanding Contributing Award*".

2016: The homepage of IAMFE was moved from the Swedish University of Agricultural Sciences to Qingdao Agricultural University, Shandong Province, China.

I am very proud that IAMFE has honored me on the IAMFE website by writing: "*The Founder of IAMFE is Professor Egil Øyjord from Norwegian University of Life Sciences, who is a famous expert of field experiments mechanization in the world*".

I recommend youn to click IAMFE News 1, 2016 to see the Programme for our IAMFE/RUSSIA Conference and Exhibition in Moscov the last week of June 2017.

Ås, August 29, 2016

Egil Øyjord,