



IV Geothermal Resources and Natural Mineral Water Symposium and Exhibition

With international Participation

**21-24 February 2018 Afyonkarahisar - Turkey
Akrones Hotel**

www.jeotermalsempozyumu.org



TÜRK MAsuder
Türkiye Maden Suları Üreticileri Derneği



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INVITATION

Energy is one of the important problems of our country as like in the world. As it is not possible to meet the energy demand of the industrial development from indigenous resources, depending on the increasing population and technological breakthrough, Turkey is faced to intense energy problems. In this state, Turkey is one of the countries having increasingly economical load by exporting energy to secure its supply. For this reason, it is unavoidable to extend the utilization of the renewable energy sources for reducing the economical load of dependency to foreign countries. Like in the world, appropriately, Turkey has also chosen to develop and increase the production and utilization of the renewable energy sources. Among the alternative energy sources, this choice has brought geothermal energy to an important status in the high quality and secure energy supply of the country.

In the recent years, the interest to the geological richness and indigenous geothermal resources and their research, development and technical studies have tremendously increased. Undoubtly, environmentally benign geothermal energy rates high in this development with its low investment costs, sustainability and multi purpose utilization properties. Geothermal resources are used primarily for electricity production, heating, thermal healing purposes, greenhouse heating and drying purposes.

Todate, big investments are made especially for energy production and geothermal greenhouse and balneological applications are growing. Similar developments are obtained also in natural mineral waters. During this period, "Geothermal Resources and Natural Mineral Waters Symposium and Exhibition with International Participation" is going to be realized with the aim to share the technological information developpt in the world, to find solutions and to open new sights to the obstacles exist in the geothermal resources and natural mineral waters sector. The Symposium will be realized with the leadership of UCTEA Chamber of Geological Engineers (JMO) and Governorship of Afyonkarahisar, Municipality of Afyonkarahisar, Afyonkarahisar Chamber of Commerce and Industry, Afyon Kocatepe University, Afyon Jeotermal Turizm ve Ticaret A.Ş (AFJET), Union of Thermal Facilities in Afyon, Union of Municipalities with Geothermal Resources, Association of Geothermal Power Plant Investors (JESDER) and Association of Mineral Water Manufacturers of Turkey (Masuder) and will be held on 21-24 February 2018 in Afyon Akrones Hotel.

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INVITATION

Scientist, Researchers, related authorities, universities, local authorities, professional societies, private sector representatives are aimed to come together. The Symposium Topics are:

- Processes of the Geothermal Resources and Technological Developments
- Utilization and Management of the Geothermal Resources, Technical and Legal Problems
- Geothermal Resources in Energy Strategy
- Education and R&D Studies
- Institutional, Administrative and Technical Structuring
- Design, Project Management and Finance of Geothermal Investments
- Geothermal Energy and Environment
- Local Administrations and Geothermal

An Exhibition will also take place during the Symposium, whereas, Machinery and Equipment producers, power producers, Mineral water producers, Thermal Facility Operators, Drilling companies, Municipalities and Governmental Authorities active in the geothermal sector, could participate.

We believe that our Symposium will be enriched with your scientific and technical contribution in oral and poster presentations and will serve to an important solution finding aim.

To serve to a mutual aim, we would like to invite you to support and/or contribute by participating to the “Geothermal Resources and Natural Mineral Waters Symposium and Exhibition with International Participation”

Best Regards,
Organising Committee




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MAIN SYMPOSIUM TOPICS

PROCESSES OF THE GEOTHERMAL RESOURCES AND TECHNOLOGICAL DEVELOPMENTS

- Geology, hydrogeology, hydrothermal alteration studies
- Hydrogeochemical studies
- Geophysical studies
- Remote Sensing and GIS modelling
- Geothermal drilling and well technologies, advance geothermal tests
- Development in research and operation technologies, situation in Turkey
- Enhanced Geothermal Systems (EGS, HDR), hot sedimentary aquifers
- Resource operation models
- Reservoir Engineering, monitoring methods and geothermal modeling
- Reinjection applications - Injection technology
- Geothermal heat pump technologies
- Power production and power production plant technologies

GEOTHERMAL RESOURCES IN ENERGY STRATEGIES

- Potential of Geothermal resources and Natural Mineral Waters
- Contribution of Geothermal Resources to meet the energy demand and economy
- Public Interest and Priorities of Geothermal Resources
- Geothermal Projections
- Future of the Geothermal Resources, Targets and Expectations

EDUCATION AND R&D STUDIES

- Education in Geothermal Resources Research and Development Studies
- Development of the social education level in resource utilization
- Decrement of the equipment and chemicals procuring
- Technology development and R&D studies

INSTITUTIONAL, ADMINISTRATIVE AND TECHNICAL STRUCTURING

- Geothermal law, jural regulations
- Resource management model, administrative structure



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DESIGN, PROJECT MANAGEMENT AND FINANCE OF GEOTHERMAL INVESTMENTS

- Project plan for using correct data
- Appropriate and efficient cost management
- Correct risk analysis and geothermal project development management
- Pricing policy
- Existing national and international incentive system

UTILIZATION AND MANAGEMENT OF THE GEOTHERMAL RESOURCE, TECHNICAL AND LEGAL PROBLEMS

- Balneological research and applications and efforts among their extensional application
- Thermal Tourism applications
- Energy production in high enthalpy geothermal fields
- ORC applications in low enthalpy geothermal fields
- Agriculture; greenhouse and drying applications, integrated applications
- District Heating applications
- Heat Pump applications
- Integrated energy systems
- Mineral production
- Problems of geothermal power plants
- Resource management and control models, functionality and efficiency
- Reservoir Maintenance, sustainability
- Water management and interaction of geothermal resources
- Expectations of the investors from the Government

GEOTHERMAL AND ENVIRONMENT

- Environmental and Social effects of geothermal production and utilization
- Geothermal power plants and environment
- Geothermal - environment policy adaptability requirements

LOCAL ADMINISTRATIONS AND GEOTHERMAL

- Urbanization and geothermal resources
- Expectations of local administrations from geothermal resources

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PAPER AND POSTER PRESENTATIONS

You can prepare your original paper in one of the topics as described in the main symposium topics in this brochure. Papers can be submitted as person or entity. Maximum 2 papers submission is allowed per person/entity.

The abstracts should be submitted until the declared date in the symposium calendar to jeotermalsempozyum@mmo.org.tr. Abstracts will be accepted after the session coordinators verification. All Oral and Poster presentations abstracts will take place in the Abstracts Book/e-book and cd of the symposium.

Oral Presentation

Oral presentations will be limited to 20 minutes total. Each room is equipped with a laptop connected to the integrated projection system of the venue. The speakers` information will be available at Congress web-site at least 4 weeks prior to the meeting.

Poster Presentation

All posters have to be prepared in one piece and vertical direction with 120 cm (height) x 90 cm (width) dimensions.

Abstract preparation Rules and Format

The abstract text should be short, fundamental and explanatory. Should be prepared with correct spelling and sentence structure in Turkish and English. Please read the below mentioned instructions carefully during preparation of your abstract:



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ABSTRACT TITLE

(TIMES NEW ROMAN, 13 pt, CAPITALS, CENTERED, BOLD)

Leave one line blank (12 pt)

Author1^a, Author2^b (Times Roman, 11 pt, Centered, Italic, Bold)

^aAddress1 (Times Roman, 10 pt, Centered, Italic)

^bAddress2 (Times Roman, 10 pt, Centered, Italic)

(e-mail address of the corresponding author in parentheses, Centered, Italic)

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ABSTRACT (TIMES ROMAN, 12 pt, CENTERED, BOLD)

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Participants must submit an Abstract in the style, layout and format and in accordance with guidelines outlined here and in the Symposium Website. As it is easier, it is highly recommended to use this page to prepare your abstracts. Abstracts are to be prepared using standard PC-based MS Word software (doc, docx). Abstracts must be in Turkish and English and cannot exceed one A4 page each; leave 4.5 cm margins top and bottom and 4.0 cm left and right margins. Main text of abstract should be flush left, right justified, single spaced and written with Times New Roman ITALIC, point 10; also leave one blank line (11 pt) after each paragraph block.

Leave one line blank (11 pt)

We recommend that the actual text of the abstract is carefully compiled, well organized and thoroughly checked, in particular with regard to the list of authors, before submission in order to avoid last minute changes. Abstract highlights purpose of the research, methodologies employed, and main conclusions reached. Summarize only what your presentation will be about; discussion of other's work(s) should be avoided. Abstracts should be short, clear, concise and written both in Turkish and English with correct spelling and good sentence structure. For non-Turkish participants Organizing Committee will provide a help to translate abstracts to Turkish. Citations, reference list, figure, table, special symbol, header and footer should be avoided. Authors should also provide 5 keywords to assist the reader and allow cross-indexing of the abstract (Times New Roman, 10 points). Key words should be written in lower-case letters and be separated by commas. Plural forms and upper-case letters should be avoided. All authors are requested to avoid statements which may cause potential conflict of interest with other people or organizations. The submission of an abstract carries with it the obligation that it will actually be presented at the Conference by the author or, at least, by one of the co-authors. The Conveners reserves the right to accept or refuse contributions on the basis of the abstracts, if they do not meet guidelines outlined in this instruction.

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Keywords: Word1, word 2, word 3, word 4, word 5

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DELEGATE PARTICIPATION, ADVERTISEMENT AND EXHIBITION CONDITIONS

Delegate Participation

Employees of entities and Individuals can participate as symposium delegate. "Participation Certificate" will be prepared for those who paid the registration fee.

Earlybird registration deadline : 5 January 2018

Delegate registration fee: 600 TL

3 day full board accomodation, symposium documents , tea-coffee service during coffee breaks are included to the registration fee.

External participation (without accomodation) registration fee: 250 TL

Symposium documents , tea-coffee service during coffee breaks are included to the registration fee.

Student registration fee: 150 TL

For Science, Master of Science and Doctorate students. Lunch, symposium documents , tea-coffee service during coffee breaks are included to the registration fee.

After 5 January 2018 (and on site), below declared registration fees will be valid:

Delegate registration fee: 750 TL

3 day full board accomodation, symposium documents , tea-coffee service during coffee breaks are included to the registration fee.

External participation (without accomodation) registration fee: 350 TL

Symposium documents , tea-coffee service during coffee breaks are included to the registration fee.

Student registration fee: 200 TL

For Science, Master of Science and Doctorate students. Lunch, symposium documents , tea-coffee service during coffee breaks are included to the registration fee.

Advertisement and Exhibition Conditions

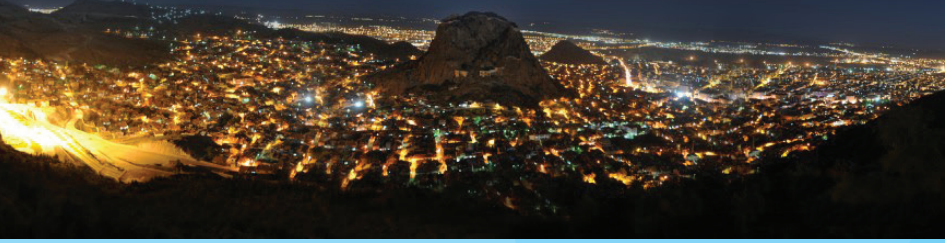
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- AFGAZJET
- SOMER JEOTERMAL A.Ş.
- JEOTERMAL ARAŞTIRMA VE TESİSLER A.Ş.

IMPORTANT DATES

31.10.2017: Deadline for submitting abstracts

18.12.2017: Response to Authors

20.01.2018: Announcement of Symposium Programme

SYMPOSIUM CONTACT INFORMATION

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