



The Hellenic Institute for the Fire Protection of Structures With Respect to Life and Property

ELIPYKA



Forest Fires and Buildings Resilience

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Hellenic Institute for the Fire Protection of Structures
With Respect to Life and Property

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The increase of fire events every year

In South Europe and now in many places globally, fires every year destroy lives, property and the environment, due to climate change and irrational human choices in urban planning and construction, especially in areas of Wildland – Urban Interface (WUI).

What can be done to make buildings in these areas more fire resilient?



A Multilateral Approach

Experts agree that a multilateral approach is needed:

- Research for new materials, construction systems detection equipment
- Technology and Testing
- Education and public awareness
- Activation of local societies, employment of all kind of resources and infrastructure
- Administration for putting together legislation



What does ELIPYKA in this direction?

- **Elipyka, with its 7 very active commissions, aims to contribute to this kind of approach in different ways by:**
 - ✓ Supporting and promoting the application of fire protection standards as well as certified materials and systems, in construction.
 - ✓ Participating and making proposals for the improvement of relevant legislation, in working groups of competent authorities.
 - ✓ Organizing educational courses and webinars, to promote competency of professionals
 - ✓ Organizing an international Conference every 2 years, to bring together researchers, engineers, relevant professionals, producers, industrials and decision makers to move fire protection forward.
 - ✓ Extensive multifunctional communication activities, to inform engineers in all over the country, as well as to raise public awareness.



What is the purpose of today's webinar?

Today's webinar is one the many that have been designed, towards the **"2nd International Conference for the Fire Protection of Structures, by ELIPYKA"** which will be held in Thessaloniki, May 20-21, 2022.

Within the next 60 minutes, distinguished scientists and professionals will present different aspects of the subject **"Forest Fires and Buildings Resilience"**.



A few words about ELIPYKA

- The Hellenic Institute for the Fire Protection of Structures (ELIPYKA), founded in 2018, is a Non-Profit Entity in which Greek and International industries of building materials, building systems, fire protection devices, construction companies, engineers, professors from laboratories of universities, and research centers are involved. Its purpose is:
- to support and promote the application of fire protection standards and propose measures to improve them, to the competent authorities
- to promote the use of certified materials, products and systems, as well as competent and qualified personnel in construction
- to stress the need of the presence of a control mechanism to ensure compliance.
- to prevent or reduce as much as possible, loss of life and property from fires