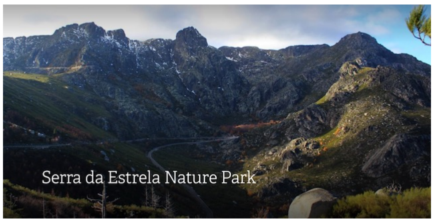
# Studijski obilazak parka prirode Serra de Estrela tijekom conferencije u Coimbri

Autor Administrator
Utorak, 22 Studeni 2022 18:32

Tijekom velike konferencije u Coimbri - 9th International Conference on Forest Fire Research - odžan je i studijski posjet parku prirode Serra de Estrela gdje se ovog ljeta u kolovozu 2022.g. dogodio jedan od najvećih požara u povijesti Portugala, u kojem je u 7 dana ukupno izgorilo 27.000 hektara, ali kako se radi o zabimljivoj temi koju su nam prezentirali predstavnici vatrogasaca, civilne zaštite i nacionalne garde Portugala.

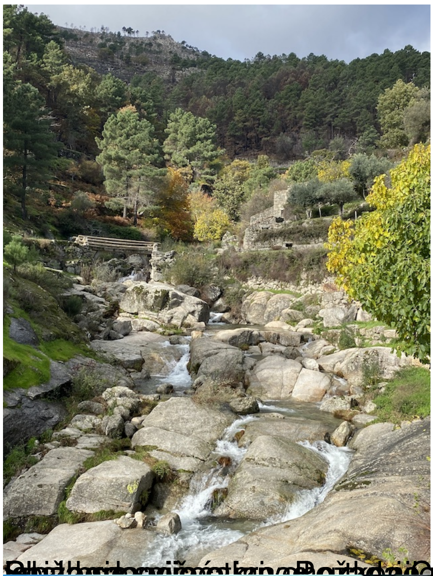
Park prirode **Serra da Estrela** prvi je osnovani park prirode u Portugalu koji sadrži najveće zaštićeno područje u zemlji, s oko 101.000 hektara. Njegova neravan topografija sa stijenama i impozantnim liticama kulminira na najvišoj točki kopnenog dijela Portugala na nadmorskoj visini od 1993 m. Jedinstveni karakter ovog područja, njegova geografska izoliranost i rezultirajuća raznolikost vrsta faune i flore motivirali su međunarodno priznanje parka priroide Serra da Estrela uključivanjem u UNESCO-vu mrežu geoparkova. Među brojnim prirodnim čarima ističe se najveća ledenjačka dolina u Europi, u Manteigasu, koja se proteže otprilike 13 km.



Izolacija ovih zemalja također je omogućila očuvanje nekih od najstarijih društvenih i kulturnih aspekata Portugala. Ovdje nalazimo velika stada ovaca koja se hrane na prostranim pašnjacima, a čuva ih tipični Serra da Estrela pas, pasmina pasa koja je snažna i otporna na niske temperature. Od ovčjeg mlijeka nastaje najkarakterističniji proizvod regije, poznati **Queijo da Serra**
(Planinski sir), ručno rađen prema tehnikama predaka. Kaputi izrađeni od ovčje vune, rogovi s rogovima i niz drugih zanimljivosti, učinkovito čine ovu regiju vrijednom našeg studijskog putovanja.

Prošlog kolovoza, tijekom toplinskog vala, Serra da Estrela bila je pozornica **jednog od najvećih požara ikada zabilježenih u Portugalu**
. Opožareno je 27.000 hektara površine u sedam dana aktivnog požara. Izgubljeno je značajno područje zaštićenog krajolika, a utjecaji na ekosustav bili su razorni. Iako je požar zaprijetio nekoliko zajednica, utjecaji na divlje urbano sučelje bili su manji, s obzirom na veličinu požara. Srećom, nije bilo ljudskih žrtava, ali su ekološki i društveni utjecaji bili ogromni.

U ovom studijskom putovanju cilj je bio prikazati park prirode Serra da Estrela, ali i razumjeti ponašanje požara u ovom događaju. U nastavku nekoliko naglasaka vezanih uz ponašanje ovog razornog požara.



[illegible] koja se

[illegible] 17.000 hektara.

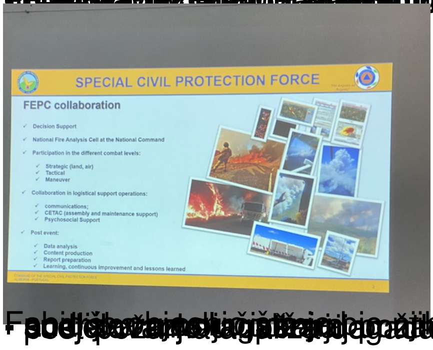
SPECIAL CIVIL PROTECTION FORCE

FORÇA ESPECIAL DE PROTEÇÃO CIVIL
ANEPC • PORTUGAL

Garrocho fire – Covilhã – Serra da Estrela (2022050022298)

[illegible] International Conference on Forest Fire Research održana je

[illegible] Silva iz posebne jedinice civilne zaštite koja se bavi analizom

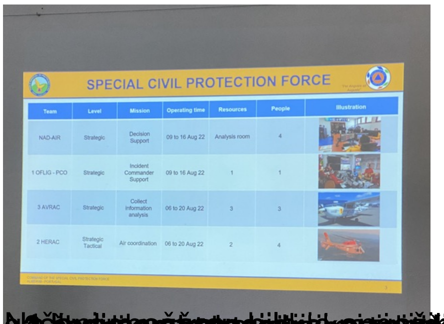


SPECIAL CIVIL PROTECTION FORCE

FEPC collaboration

- ✓ Decision Support
- ✓ National Fire Analysis Cell at the National Command
- ✓ Participation in the different combat levels:
  - ✓ Strategic (land, air)
  - ✓ Tactical
  - ✓ Maneuver
- ✓ Collaboration in logistical support operations:
  - ✓ communications;
  - ✓ CETAC (assembly and maintenance support)
  - ✓ Psychosocial Support
- ✓ Post event:
  - ✓ Data analysis
  - ✓ Content production
  - ✓ Report preparation
  - ✓ Learning, continuous improvement and lessons learned

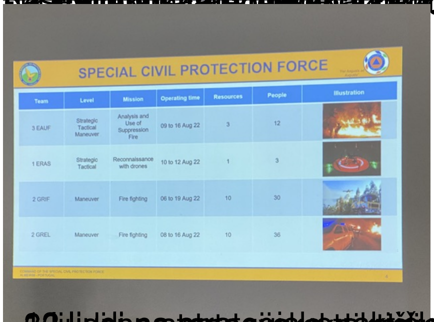
[illegible] logističke potpore



SPECIAL CIVIL PROTECTION FORCE

| Team | Level | Mission | Operating time | Resources | People | Illustration |
|---|---|---|---|---|---|---|
| NAD-AIR | Strategic | Decision Support | 09 to 16 Aug 22 | Analysis room | 4 | |
| 1 OFLIG - PCO | Strategic | Incident Commander Support | 09 to 16 Aug 22 | 1 | 1 | |
| 3 AVRAC | Strategic | Collect information analysis | 06 to 20 Aug 22 | 3 | 3 | |
| 2 HERAC | Strategic Tactical | Air coordination | 06 to 20 Aug 22 | 2 | 4 | |

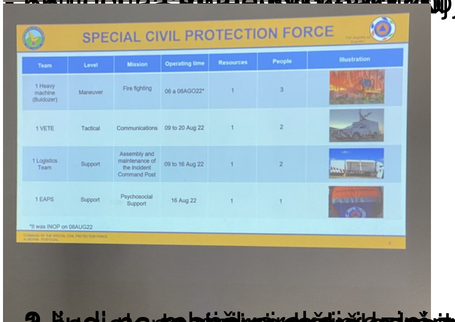
[illegible] vatrogascima u planiranju i



SPECIAL CIVIL PROTECTION FORCE

| Team | Level | Mission | Operating time | Resources | People | Illustration |
|---|---|---|---|---|---|---|
| 3 EAUF | Strategic Tactical Maneuver | Analysis and Use of Suppression Fire | 09 to 16 Aug 22 | 3 | 12 | |
| 1 ERAS | Strategic Tactical | Reconnaissance with drones | 10 to 12 Aug 22 | 1 | 3 | |
| 2 GRIF | Maneuver | Fire fighting | 06 to 19 Aug 22 | 10 | 30 | |
| 2 GREL | Maneuver | Fire fighting | 08 to 16 Aug 22 | 10 | 36 | |

[illegible] protupožara u gašenju požara

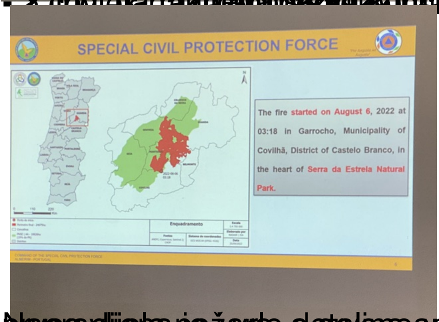


SPECIAL CIVIL PROTECTION FORCE

| Team | Level | Mission | Operating time | Resources | People | Illustration |
|---|---|---|---|---|---|---|
| 1 Heavy machine (Buldozer) | Maneuver | Fire fighting | 06 a 08AGO22* | 1 | 3 | |
| 1 VETE | Tactical | Communications | 09 to 20 Aug 22 | 1 | 2 | |
| 1 Logistics Team | Support | Assembly and maintenance of the Incident Command Post | 09 to 16 Aug 22 | 1 | 2 | |
| 1 EAPS | Support | Psychosocial Support | 16 Aug 22 | 1 | 1 | |

*It was INOP on 08AUG22

[illegible] borbe s požarom



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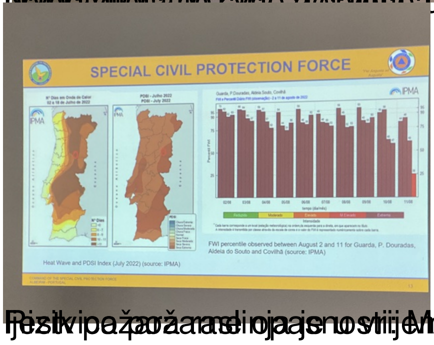
The fire started on August 6, 2022 at 03:18 in Garrocho, Municipality of Covilhã, District of Castelo Branco, in the heart of Serra da Estrela Natural Park.

[illegible] analizu požara. Zelena površina je opožarena površina tijekom

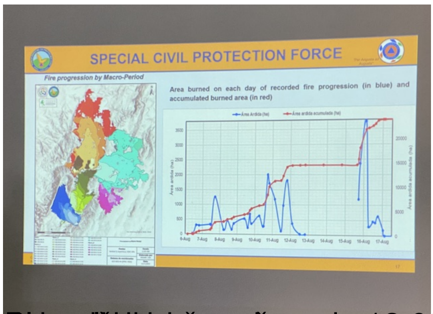


SPECIAL CIVIL PROTECTION FORCE

Heat Wave and PDSI Index (July 2022) (source: IPMA)

FWI percentile observed between August 2 and 11 for Guarda, P. Douradas, Aldeia do Souto and Covilhã (source: IPMA)

[illegible] koristi 5



SPECIAL CIVIL PROTECTION FORCE

Fire progression by Macro-Period

Area burned on each day of recorded fire progression (in blue) and accumulated burned area (in red)

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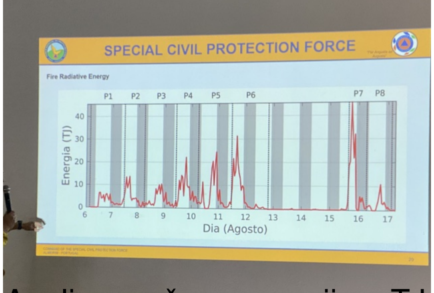
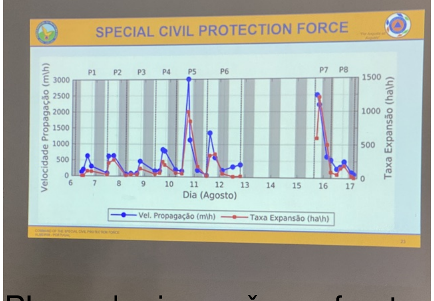


SPECIAL CIVIL PROTECTION FORCE

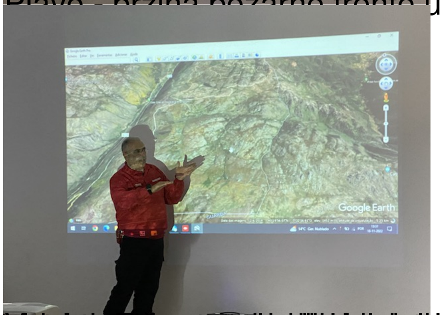
Fire Radiative Energy

Analiza zračene energije u TJ analizom satelitskih slika.



SPECIAL CIVIL PROTECTION FORCE

Plavo - brzina požarne fronte u m/h, crveno širenje požara u ha/h.



[illegible]

Film snimljen iz helikoptera koji pokazuje požarnu frontu.

[illegible] nad

[illegible] prezentacije. Jedini nedostatak je bio traj što vrijeme