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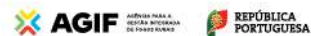
Towards an International
Framework

Porto - Portugal | **May 16-19th**, 2023

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The training of instructors in wildland firefighters courses

A comparison between Brazil, the USA and Chile

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Porto, Portugal, 16th May 2023.





OBJECTIVES

Qualified fire brigade training is essential for safe and effective action in preventing and fighting forest fires.

- In order to evaluate how the training of these professionals occurs in different countries, this study compared the curriculum plans of training courses for brigade members given in Brazil, the United States and Chile.



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Method

- Comparative research method
 - Similarities
 - Singularities



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Method - Documental Analysis



Brazil: Prevfogo/Ibama – the course plan, firefighter manual and instructor manual for the training course for forest fire brigades




US: National Wildfire Coordinating Group - Training courses available in the website



Chile: National Forestry Corporation - Manual for the training and training of forest brigades and the course plan

General features

	Brazil	United States	Chile
Class time	5 days 40 h	4 days 37-41 h	6 days 40 h
Theoretical	31h30	29	33h30
Practical	9h30	8-12h	6h30



Prerequisites: S-190:
Introduction to wildland
fire behavior (7 hours)



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Similarities

A comparison between Brazil, the USA and Chile

Similarities

- There are different courses in these countries
- All the courses include
 - Practical and theoretical classes;
 - Evaluations.
- The duration of the courses.
- Some Common Content
 - Combat techniques
 - Equipaments and tools



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Singularities

A comparison between Brazil, the USA and Chile



Singularities

- Course gives great emphasis on integrated fire management. Chile addresses similar content referred to only as fire management.
 - Integrated fire management: is the integration between fire control techniques (fire prevention, fire preparation, fire fighting, and fire use) with cultural, socio-economic, and ecological aspects of fire (Brazil).
 - Fire management: is the set of activities aimed at preventing forest fires, managing the rational and controlled use of fire and reducing the damage caused by forest fires (Chile).
 - In Chile, the forest ecosystems are not fire dependent, they're fire sensible.

Singularities



- The course does not cover a specific topic on the use of water in combat.
- The course presents controlled burning and prescribed burning techniques.
- Specific topic about demobilization.
- The courses methodology could be adapted according to the communities (indigenous and traditional communities).



Singularities

- Could be totally delivered as instructor led (classroom) or blended (online self-directed plus field exercise) training.
- The topic of fire behavior is covered in the Brazilian and Chilean courses, but is a prerequisite for the US course.
- In the USA they cover case studies during the training, including the sand box exercise.
- The course places great importance on communication during the work of the crew – topic Briefing and different types of ICS forms.



Singularities

- Topics about: Fire Shelters; wildland urban interface.
- Topics about prevention are not in the plans, but they've specific courses about: P-101 Fire Prevention Education 1, P-301 Fire Prevention Education 2, P-310 for Team Member and P-410 for team leader.

Singularities



- There is a moment to learn about forest fires and the Conaf organization in the specific region where the course will take place.
- There is a specific moment to talk about a **Regional fire management program.**
- There is an additional one about the posture of the firefighter, with emphasis on behavior, social values.
- Detailed topic on prevention actions.

Singularities



- Does not indicate some topic about report the incidente.
- There's a topic abou first aid and emergency care.

Considerations

- There's the possibility to adaptation according to local singularities (e.g. landscapes, biome, people).
- For example, in Brazil the public of the courses are indigenous, quilombola communities (traditional people) and little farmes from land reform settlement.
- Analyzing the different lesson plans, especially the specifics topics, can help improve the lesson plans in each country or may be could promote a standardization of training courses.

Collaboration



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Thanks for your attention!

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