Post fire landscape considerations

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Every landscape will be different

• Intensity of fire
• Size and species of trees
• Type of other landscape plants
• Slopes
• Remaining hardscapes
Initial post fire check list

• First, make sure it is safe to be working in your landscape.
  • Trees
  • Underground hazards
  • Ash
Try to minimize foot and equipment traffic

- Disturbance to soil
- Trampling of any re-spouting plants
- Soil compaction
Examine trees and other plants to determine if they are damaged

- Determine if a tree roots and cambium layer are still good.
- Shrubs-check roots/crown
- Watering landscape can help plants recover.
- Invasive plants!
Check Drainage Systems

- Clear out culverts or street gutters
- Check French drains
- Determine if soil will allow water to infiltrate.
  - Hydrophobic soils
Determine your erosion potential

- Steepness and length of slope. 1-8
- Intensity of rainfall 6
- Type/density of cover 1-4
- Type of soil 1-6
- Amount of activity 1-6

<table>
<thead>
<tr>
<th>Level of Risk for Erosion</th>
<th>6-13</th>
<th>14-20</th>
<th>21-28</th>
<th>29-38</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moderately low</td>
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<tr>
<td>Medium</td>
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<td>Moderately High</td>
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<td>High</td>
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Seeding and Erosion Control Materials

Cover the Soil
- Planting Seed
- Jute or other blankets

Slow the Water Down
- Boards
- Stacked Rock
- Wattle
Mulch, Mulch, Mulch

- Covering the soil with any type of material can help keep soils in place.
- Chipped vegetation and straw are the cheapest but can rob nitrogen from the soil.
Replanting

- Remember the three zones for defensible space.
- Don’t plant a problem.
- Privacy screens.
Things to consider when Choosing Plants for the landscape

• Little or no seasonal accumulation of dead vegetation
• Open, loose branching habit
• Non-resinous woody material (for example, avoid conifers)
• Low volume of total vegetation
• High moisture content in leaves
• Drought tolerance
• Slow growth, requiring less frequent pruning
Fire Resistant Plants

• **Trees**
  - Maple (Acer species)
  - Birch (Betula species)
  - Redbud (Cercis species)
  - Ash (Fraxinus Species)
  - Pineapple guava (Feijoa sellowiana)
  - Crape Myrtle (Lagerstroemia indica)
  - California Black Oak (Quercus kelloggi)
# Shrubs and Woody Vines

<table>
<thead>
<tr>
<th>Rose</th>
<th>Philadelphus (Mock Orange)</th>
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<tbody>
<tr>
<td>Lilac</td>
<td>Evergreen Huckleberry/Blueberry</td>
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<tr>
<td>Photinia</td>
<td>Viburnum</td>
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<td>Pittosporum</td>
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<td>Gardenia</td>
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<td>Escallonia</td>
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<td>Camellia</td>
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Join the Master Gardeners for some Horticultural Therapy

- October 27th, 2018
  - 10 a.m-12p.m.
- Plant an herb bowl or a bowl of bulbs to take home.
- Free landscape plants
- Free Vegetable and Wildflower seeds