

# **CFLR NATIONAL INDICATORS**

**Development and Description**



# OBJECTIVES: WHY A NATIONAL FRAMEWORK?

- Develop a national framework with CFLR project representatives that:
  - Works for the diversity of the CFLR projects,
  - Meets several basic criteria,
  - Allows for the roll-up of data across the sites to assist in communicating the results of CFLR to Congress and national audiences.



# CRITERIA FOR INDICATORS

- Simple
- Affordable
- Responsive to the direction of the Act
- Supported as much as possible by existing sources of data
- Maximize individual project autonomy
- Minimize additional reporting requirements



# PROCESS

- Small group developed draft package of indicators
- June 7-8, 2011 workshop in Denver hosted by the Washington Office and facilitated/coordinated by NFF
  - Participants included Forest Service and partner representatives from each CFLR project
  - Participants further refined the draft indicators
- Follow up to the workshop
  - Workshop participants, including partners and Forest Service (Forest, Regional and Washington Office levels) continued to refine and work on the draft indicators



## FIVE INDICATORS WERE DEVELOPED

- Fire costs – R-CAT (2-3 year timeline)
- Jobs/Economics – TREAT (annual reporting)
- Leveraged Funds – (annual reporting)
- Collaboration – (CFLR Coalition)
- Ecological




# ECOLOGICAL INDICATOR

- More complex – further 1 yr refinement
- Many people involved in development and finalization of the ecological indicator
  - Amy Waltz, ERI
  - Micah Thorning, USFS
  - Matt Williamson, GCT
  - Mary Mitsos, NFF
  - Lauren Marshall, USFS
  - Bob Parmenter, Valles Caldera (VCT)
  - Stan Van Velsor, TWS
  - Tom Mafera, USFS

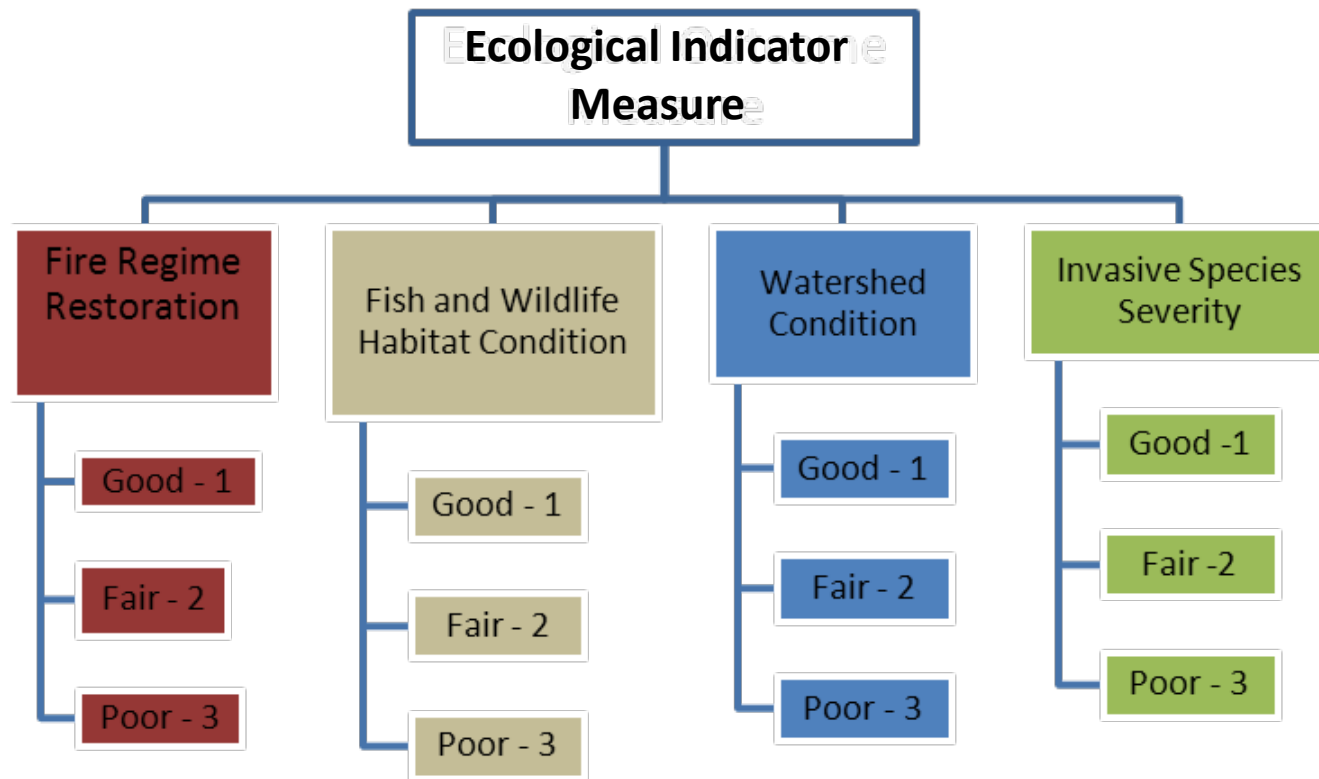




# ECOLOGICAL INDICATOR: STRUCTURE

- Consistent reporting framework
    - Scoring of Good/Fair/Poor enables the “roll up” of data nationally
  - Reflective of each unique CFLRP - flexible
    - Desired Conditions should tie directly to each landscape’s proposal objectives
  - Retention of local ability to “drill down” to address stakeholder and constituent questions
  - Ability to be assessed with available FS datasets
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# ECOLOGICAL INDICATOR: FOUR METRICS OF ECOLOGICAL RESTORATION







# METRICS AND DESIRED CONDITION

- Desired Conditions tier directly to project's proposal.
  - Metrics selected for each Desired Condition are quantifiable and capable of being evaluated against monitoring data.
  - Desired Conditions and Metrics developed at 2 scales
    - Project scale:
      - Refers to individual treatment objectives
      - Can be reported annually and combined for the 5-year report
    - Landscape scale:
      - Refers to the landscape identified in your CFLR proposal
      - Results would be combined for the 5, 10, and 15-year report
  - “Good, Fair, Poor” rating based on progress towards Desired Conditions.
  - National Reporting: Select 1 – 5 Desired Condition statements per Project-level and 1-5 per Landscape-level, per Indicator for a maximum of 40 Desired Condition statements per CFLR/HPRP project.
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# SUGGESTED LEVEL OF DETAIL FOR NATIONAL REPORTING

- ***Desired Conditions Target for Fire Regime Restoration:*** \_\_\_ change (relative to the desired condition) occurs across \_\_\_% of the landscape area by \_\_\_ date.
- ***Desired Conditions Target for Fish and Wildlife Habitat Condition:*** \_\_\_ change (relative to the desired condition) occurs across \_\_\_% of the landscape area by \_\_\_ date.
- ***Desired Conditions Target for Watershed Condition:*** \_\_\_ change (relative to the desired condition) occurs across \_\_\_% of the landscape area by \_\_\_ date.
- ***Desired Conditions Target for Landscape Scale Invasive Species Severity:*** \_\_\_ (%) of the CFLR landscape area was restored by reducing invasive species severity (preventing, controlling, or eradicating targeted invasive species) to meet desired conditions by \_\_\_ date.



# EXISTING DATA SOURCES FOR USE IN LANDSCAPE VS. PROJECT SCALE REPORTING

<b>Indicator</b>	<b>Landscape</b>	<b>Project</b>
<b>Fire</b>	LANDFIRE	Other higher res/site specific data
<b>Fish and Wildlife</b>	LANDFIRE (BpS)/ Land-type Association (LTA)	Local data that depicts Structure, Composition, and Function
<b>Watershed Condition</b>	WCATT	WCATT
<b>Invasive Species Severity</b>	FACTS/NRM-TESP-IS	FACTS/NRM-TESP-IS



# MORE INFORMATION WHERE TO ASK QUESTIONS:

- NFF Peer Learning Webinars include National CFLRP Monitoring Network Webinars!
- Link to Public Forest Service Information:  
<http://www.fs.fed.us/restoration/CFLRP/>
- Link to Internal Forest Service Information:  
<https://ems-team.usda.gov/sites/fs-fm-cflrp/SitePages/Home.aspx>

