

SOCIOECONOMIC INDICATORS FOR MPAs & SYSTEMS OF MPAs

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ASSUMPTIONS

- **“PARTICIPATION” NEEDS TO BE MORE CAREFULLY EVALUATED.**
- **LARGER MPAs & LINKED SYSTEMS OF MPAs (SCALE-UP TO ECOSYSTEM) NEED ADDITIONAL INDICATORS TO ACCOUNT FOR INCREASES IN SOCIO-ECONOMIC COMPLEXITY.**
- **EVALUATION OF SOCIOECONOMIC IMPACTS NEED STANDARDIZATION IF WE WISH TO GENERALIZE FINDINGS.**

EVALUATING PARTICIPATION

- PARTICIPATION IS IMPORTANT FOR PERCEIVED LEGITIMIZATION & SUCCESS.
- PARTICIPATION SHOULD BE EVALUATED AT ALL STAGES OF THE PROJECT CYCLE.
- THERE'S MORE TO PARTICIPATION THAN A "FULL" MEETING ROOM AND "LIVELY INTERACTION."
- TYPE, REPRESENTATIVENESS, PERCEPTIONS OF IMPACT.....
- THIS EVALUATION BECOMES BOTH MORE DIFFICULT AND IMPORTANT AS AREAS OF OCEAN SPACE PROTECTED INCREASE AND BECOME LINKED.

EVALUATING PARTICIPATION IN LARGER MORE COMPLEX SPATIAL CONFIGURATIONS

- **IDENTIFICATION OF CURRENT AND POTENTIAL USER GROUPS.**
- **STIMULATING REAL PARTICIPATION NEEDS
INITIAL APPRASIAL OF POTENTIAL METHODS.**
- **MONITORING & EVALUATING PARTICIPATORY
EVENTS: TYPE, REPRESENTATIVENESS,
PERCEPTIONS OF IMPACT.....**
- **ADAPTIVE MODIFICATION OF PARTICIPATORY
METHODS.**

EVALUATION OF PARTICIPATION IN LICENSING SCHEME IN RI

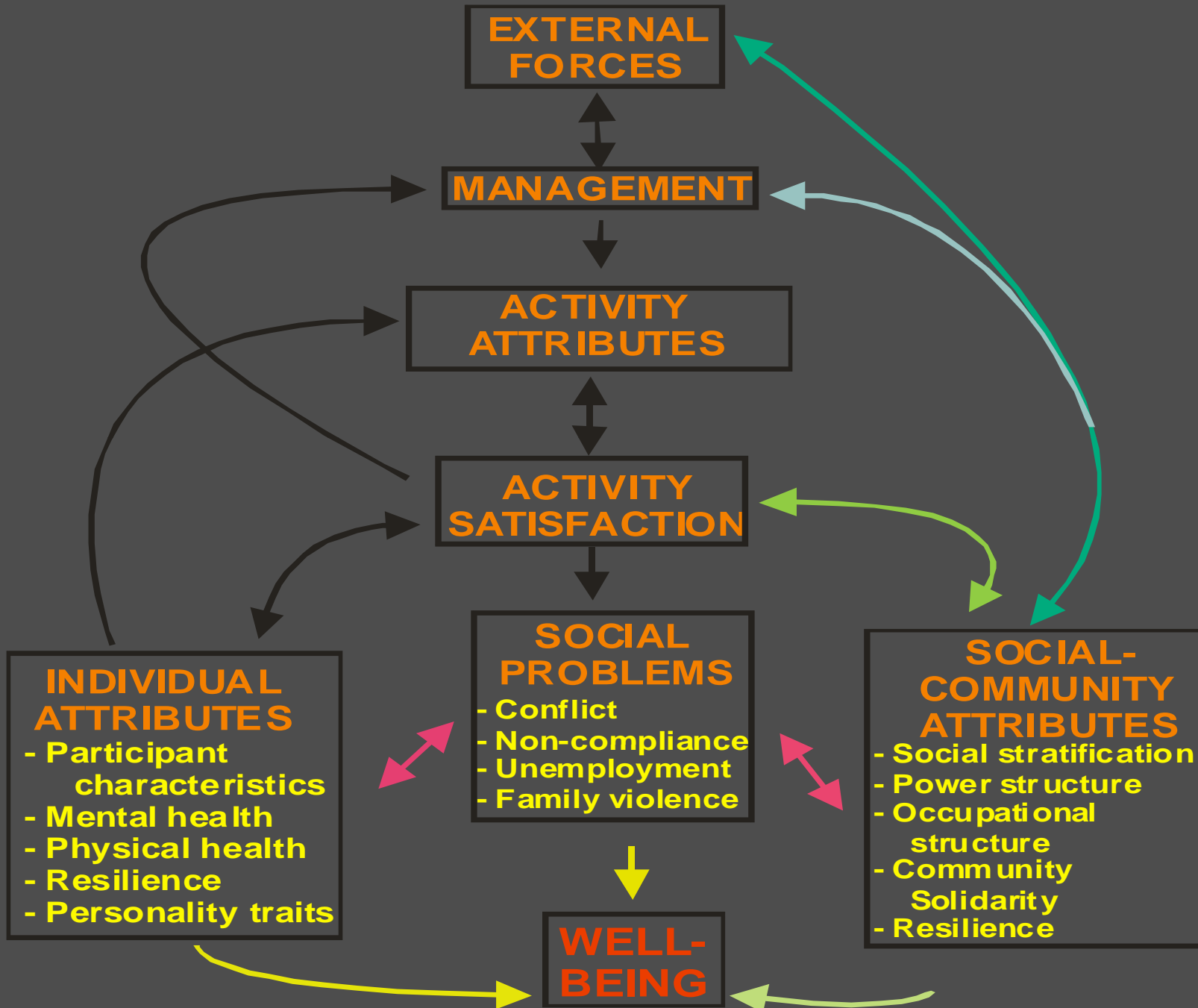
Percent distribution of types of participation

<u>Type of participation</u>	<u>Percent</u>
Attend meetings	19
Monitor list serve	02
Access the web page	15
Follow process in mass media	66
Talk to those more actively involved	68

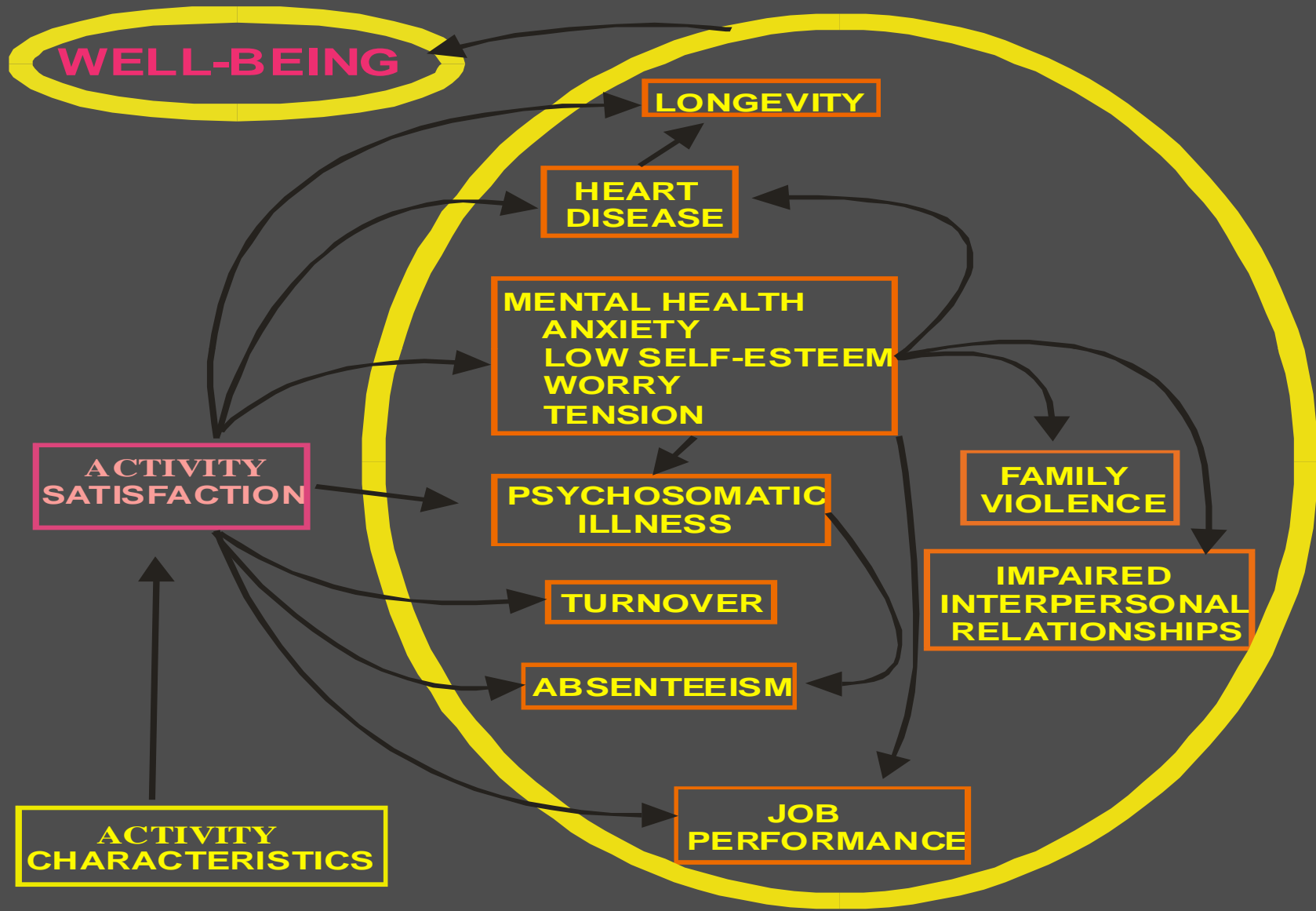
The results highlight a difference between what might be called the “meeting culture” of much of modern bureaucratic life and commercial fishers. One interviewee suggested that the process “favored those who aren’t on the water all day.” Another interviewee expressed a related sentiment: “The meetings are held for the people holding them. Not the people they are affecting.”

Second, the use of technologies such as the website and the list-serve was clearly more useful to some participants than others. Commenting on these technologies, one interviewee remarked “I just don’t have time to play those games, some people submitting pages and pages--- [the list-serve was] good for people sitting at home.” Several interviewees told us that after a long day on the water, the last thing they were going to do was come home and plug into the computer to follow an evolving online debate over the license restructuring proposals.

Many respondents clearly felt that their potential to influence the outcome was limited. This view is succinctly summarized by one response to our question about what might be done differently in hindsight: “Don’t know, you end up feeling like there isn’t anything different you can do. The way DEM works, you don’t really have any real say. DEM has a mind of its own. I’m offended by it—they think they know what I mean... I never gave up but at the end, I felt it was a waste of time.”



Impacts of activity satisfaction.



SCALING-UP INDICATORS

- **LARGER USUALLY MEANS MPAs ASSOCIATED WITH LARGER, MORE COMPLEX HUMAN POPULATIONS.**
- **MORE STRATIFICATION CRITERIA FOR EVALUATING PARTICIPATION, PROJECT DESIGN AND IMPACTS.**
- **INCREASED DIFFICULTY IN SAMPLING DESIGN: HOW CAN WE SAMPLE?**

STANDARDIZING INDICATORS

- **WHY STANDARDIZE?** If you would like to conduct comparative analyses of relationships between your indicators, they must be comparably measured.
- **HOW STANDARDIZE?**

Population & MPA Performance

