

General Recommendations:

1. Project design should intentionally integrate adaptation considerations, at appropriate scale (buildings - city - region) -- i.e., adaptation should be a design component that ideally addresses multiple problems
2. Create localized, distributed systems for energy, water, and food
3. Need for more partnerships, cross-stakeholder communication, and public outreach to inform and influence decision making process, and how adaptation professionals frame/present messages to public; communicate (co-)benefits and sense of urgency; coordination, transparency

Specific Recommendations:

- Street level
 - Green Infrastructure
 - Benefits include reducing heat island effect, greater water availability through recharge of aquifers...
 - Challenges include species selection, maintenance, public/private responsibility and ownership
 - Needs for Private Property
 - Increase social value of trees and other green infrastructure in sidewalk strips; use incentives from the city as well as rewards and recognition; models, pilots, guidebooks and web portals
 - Street Retrofits
 - Design for improved pedestrian access, improved transit, light colored asphalt, permeable
 - Community Educations
 - Initiatives where public can get ideas for their yards and there is educational signage
 - Community Cleanup Days plus Adopt A Street like adopt a highway
- City level
 - More
 - Local, distributed energy and water supply systems
 - Walkable, transit orientated development
 - Integrated approaches both at the policy level and at the team level
 - Look to natural systems
 - Raise awareness through community outreach and engagement
 - Less
 - Isolated research, research without clear communication and link to policy plus strong stakeholder buy in
 - Superficial projects. There needs to be a strong link to adaptation
 - Concentration of power in decision making groups or decision-makers
 - Waste and inefficiencies
 - Change
 - Insert adaptation into city planning efforts for example on the question of development in fire zones
 - Adaptation should be equal partner to mitigation
- Region level
 - Impacts

- Flooding / Fires / Heat Wave / Drought / Rising Food & Energy Prices / Public Health Impacts / Wind Storms
- More
 - Low Impact Development
 - Government coordination on planning regulations; Federal impetus or mandate
 - Add climate change analysis to NEPA
 - Communication within a region and inter-city
 - Agreement on fire hazard zones + voter education re: social/tax costs for Fire Hazard management
 - Insurance policies integrated with land use policies
 - Retrofit not just new projects
 - Quantification of the amount of water needed and management options (such as groundwater recharge / replenishment)
- Less
 - Sea Walls and Armoring