Situation Statement: California has major environmental concerns, including water availability and decline in pollinator populations. Additionally, California must improve community wellbeing by addressing issues of food access and our lack of urban greenspaces. By sharing research-based information on home horticulture, UC Master Gardener volunteers empower the public to be more sustainable in their home landscape, more productive in their food garden, and more engaged in their community well-being. Outputs Intended Outcomes -- Impacts Inputs Activities Participation Short-Term (Learning) Outcomes Medium-Term (Behavior) Outcomes Long-Term (Condition) Impact MG Training Program (continuing Improved science literacy of MG Delivery of quality public educational activities Knowledge and skills gained in education/advanced training, # of MG volunteers and their clientele sustainable landscape and gardening train the trainer programs, volunteers through quality education and mentoring, Program Meetings, trained outreach conferences) Adoption of recommended green waste reduction Knowledge/skills about green waste practices reduction Reduction of green waste Public Education: any project in which a MG is educating the Use right-plant right-place considerations in Knowledge/skills about right plant right Early detection of invasive pests, public (usually more than at a decision-making place plants, and diseases in time) on home horticulture ecosystems to help reduce the Budget topics, workshops, classes, spread and distribution seminars, demonstrations Adoption of invasive pest management practices Knowledge/skills about integrated pest MG Volunteers management and invasive plants/pests/ Californians Reduction of spread and MG Volunteer Advice: help desk/ diseases reached; # of MG Coordinators distribution of endemic pests hotline, answering "helpline" Adoption of integrated pest management practices UCCE emails or phone calls, plant and resources and Knowledge/skills about water use **CE Advisors** soil clinics, water walks, etc. Improved water quality materials efficiency Adoption of improved landscape water distributed **CE Specialists** Booth Display: farmer's markets, conservation practices (i.e., Pest county fairs, community events, Improved water conservation Notes) **AES Faculty** home/garden show, etc. Knowledge/attitude on the importance of planting and maintaining diversity of Home gardens are pollinator-friendly ANR Research Mass Media/Communications for native and nonnative plants that attract Increased acreage of pollinator external audience: flyers, pollinators and are wildlife friendly habitat Facilities and newspaper articles, press equipment releases, social media, blog posts, newsletters, direct mail, etc. Knowledge/skills on food production (e.g., appropriate plant variety selection, soil health, plant nutrition, water, land **Grow food more successfully** Improving human nutrition Demonstration gardens: MG management) # of Volunteers building and serving as collaborations; expert advisors in community # of individual, gardens, including schools, public Knowledge/skills on harvesting and shortlocal, county, landscaping projects; more term storage of produce grown (e.g., Home gardens and state specifically, plant sales, open when to pick) landscapes are built and collaborators, garden days, docent/guided maintained # people Improved individual emotional tours, developing educational reached **KEY** and physical health signage Knowledge and skills gained to create/ Sustainable maintain/contribute to home, community Landscaping and school gardens and/or landscapes # individuals Community and school reached; Food gardens are built and Improved community health and Improved quality of life Therapeutic horticulture increased Gardening sustained. wellness and increased sense of Awareness and appreciation of the participation opportunities: MG in jails, community (e.g., meet new Community Overall indicators: spend more natural environment (for adults and hospitals, adult day cares, seniors of "at risk" people and understand new Wellbeing time gardening youth) populations in centers, braille institute, etc. cultures) gardening Specific indicators for Overarching activities therapeutic horticulture **Demonstration gardens** Skills/attitudes related to therapeutic MG Volunteer projects: garden program and are built and sustained. horticulture (e.g., communication, Training participation sustained teamwork, improved mood) Program