



# Simposio “Cacao para la Paz” Mapeo del futuro de investigación del cacao en la Región del Caribe Colombiano

MAYO 17 - 19. BARRANQUILLA, COLOMBIA



## Summary and Conclusions May 17 - 18, 2017

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# Main Goals of the Meeting

- Review research relevant to Colombia and the Caribbean region.
- Network and get to know each other's work, expertise and future plans.
- Identify the future research priorities Colombia and the Caribbean region.
- Discuss potential collaborative projects relevant to the priorities identified.

# Agenda Summary Day 1

- Overview presentations of Cacao for Peace Partner Institutions research programs and goals
- Discussion on cacao genetic diversity and breeding programs in Colombia
- Cacao diseases and resistance
- Issues related to production

# Agenda Summary Day 2

- Setting priorities for cacao research for Colombia and the Caribbean
- Building teams to perform the research in the priority areas

# Survey Results

<b>SPANISH</b>	<b>33</b>
<b>ENGLISH</b>	<b>3</b>
<b>TOTAL SOURVEYS</b>	<b>36</b>

<b>Priorities in Colombia</b>	<b>PRIORITIES</b>				<b>TOTAL WEIGHTED SCORE</b>
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	
Cadmium & Heavy Metals in General - Mitigation, Remediation, abiotic stress	12	8	4	2	<b>82</b>
Productivity (sustainability, best practices, recommendations, postharvest, site specificities, agronomics)	9	4	4	2	<b>58</b>
Soils - Water (Irrigation, Fertilization, Nutrients, Characterization, Treatment, Evaluation)	8	2	3	3	<b>47</b>
Genetic Materials (Germoplasm Collection, Varieties, Breeding, improvement)	9	1	2	3	<b>46</b>
Tech Transfer (Innovation, tech package development, Best Practices)	3	3			<b>21</b>
Resistance to diseases	2	2	3	1	<b>21</b>
Mapping (Scale, accuracy, risk, genetic varieties)		4	4	1	<b>21</b>
Agroforestry Systems		3	2		<b>13</b>
Inventories - Germplasm collections	2	1			<b>11</b>
Market (development, processes, networking, business model)		1	1	1	<b>6</b>
Climate (Variability, )		1			<b>3</b>
Pruning		1			<b>3</b>
Post Harvest			1		<b>2</b>
Sensory Profile			1		<b>2</b>

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<b>SPANISH</b>	<b>33</b>
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Priorities in the Caribbean region of Colombia	PRIORITIES				TOTAL WEIGHTED SCORE
	1	2	3	4	
Soils - Water (Irrigation, Fertilization, Nutrients, Characterization, Treatment, Evaluation)	10	5	3	3	<b>64</b>
Genetic Materials (Germplasm Collection, Varieties - drought-resistance, Breeding, improvement)	7	8	1	6	<b>60</b>
Productivity (sustainability, best practices, recommendations, postharvest, site specificities, agronomics)	4	6	8	4	<b>54</b>
Cadmium & Heavy Metals in General - Mitigation, Remediation, abiotic stress	4		3	1	<b>23</b>
Tech Transfer (Innovation, tech package development, Best Practices)	1	3	3	1	<b>20</b>
Farmers (Support, training, funding, profitability, training young farmers, certification, associations)	1	2	4	2	<b>20</b>
Resistance to diseases		3	3	1	<b>16</b>
Market (development, processes, networking, business model)	1	2	2	1	<b>15</b>
Agroforestry Systems (Farm surveys, technical studies, suitability)	2		2		<b>12</b>
Sensory Profile	1		2		<b>8</b>
Irrigation			3		<b>6</b>
Value added (finished product)	1				<b>4</b>

# Priorities Identified

1. Cadmium (Cadmio)
2. Soil and Water (Suelos y Agua)
3. Genetics (Genetica)
4. Research on Tech Transfer Methods and Technology Adoption (Investigacion Sobre Metodos de Transferencia Tecnologica y su Adopcion)
5. Market Research (Investigacion de Mercados)
6. Disease Control (Control de Enfermedades)
7. Post Harvest for Quality (Postcosecha Pensando en Calidad)
8. Suability Mapping (Mapeo)
9. Integrated Crop Mangement (Gestion Integrada de Cultivos)
10. Agroforestry (Agrobosque)

# Teams formed Group Reports

- **Cadmium:** UPRA, National Geo, Fedecacao, National Univ. other univ. Corpoica, National Chocolate Co., CIAT, Casa Luker
- **Genetics:** USDA-ARS, CIAT, MARS PSU, CORPOICA others
- **Soil and Water:** UPRA, National Geo, Fedecacao, National Univ. other univ. Corpoica, National Chocolate Co., CIAT, Casa Luker
- **Research on Tech Transfer:** Corpoica, Fedecaco, Penn State, USDA-FAS, other
- **Marketing:** Fedecacao, Corpoica, National Chocolate Co., Casa Luker, other
- **Disease control:** USDA-ARS, Mars, Corpoica, Penn State
- **Post-harvest Issues:** CORPOICA, Fedecacao other
- **Mapping:** CORPOICA (lead), Agustin Codazi, IGAC, ICA, Humboldt Inst., MOA, MOE, local Universities and governments, UPRA, IDEAM? PSU Center for Environmental Informatics





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# Cacao for Peace Interdisciplinary Research Seed Grant Program Announcement

Andres Romero,  
USDA-FAS, Washington DC USA