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Republic of the Philippines
Department of Education
SOCCSKSARGEN REGION

12 Oct 2026

REGIONAL MEMORANDUM
ESSD-2026-215

**IMPLEMENTATION OF "OPERATION GREENSHIELD 3.0: ENGINEERING A
TREE-BASED NETWORK FOR DISASTER RISK REDUCTION"**

TO: Director III
Chief-ESSD
Schools Division Superintendents
- SDOs of Koronadal and South Cotabato

1. Pursuant to Regional Memorandum ESSD-2024-199 and Regional Memorandum ESSD-2025-186, the Education Support Services Division, through the Education Facilities Section, in coordination with Disaster Risk Reduction and Management, shall implement **Operation GreenShield 3.0** in selected pilot public schools in the Koronadal City and South Cotabato Schools Divisions.
2. This third version expands the GreenShield school safety initiative and Green Legacy tree-growing activities through hazard-informed tree planting, environmental sustainability, and complementary school safety assessments. It aims to reduce exposure to extreme heat, flooding, soil erosion, and other potential hazards, including electrical safety risks, while promoting environmental stewardship, disaster preparedness, and the development of safe and resilient learning environments.
3. The pilot shall cover **at least ten schools in each of the two divisions**, subject to site assessment and coordination with the concerned Schools Division Offices (See attached list of schools).
4. Implementation shall include:
 - a. Site assessment and hazard mapping using the GreenShield Mapping System,
 - b. Preparation of suitable planting layouts and coordination with DENR XII/PENRO SOUTH COTABATO/EMB XII/MGB XII/RGIN XII/DA XII and local partners on species and site suitability,
 - c. Tree planting and assignment of a unique QR code or identification number to each tree,
 - d. Adoption, care, and monthly recording by designated school personnel and learners, and
 - e. Consolidation and validation of survival, growth, and maintenance data in a monitoring dashboard.
5. School heads shall designate a school DRRM or project focal person, coordinate safe planting sites, and support the Adopt-a-Tree and monthly monitoring activities. The Education Facilities Section and DRRM personnel shall provide technical guidance, consolidate reports, and conduct site validation with concerned partners.



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6. To strengthen the implementation of Operation GreenShield, the following complementary activities shall be undertaken:

- a. **School Electrical System Assessment.** Conduct preliminary electrical safety assessments in selected beneficiary schools to identify potential electrical hazards, assess existing electrical installations, and recommend appropriate corrective measures to promote school safety and disaster risk reduction.
- b. **Provision of Garden Tools and Equipment.** Coordinate with partner agencies for the possible provision and distribution of garden tools to selected beneficiary schools, subject to the availability of resources and approval of the concerned partner agencies, to support tree-growing activities, proper maintenance, and long-term sustainability of the project.

7. Related expenses shall be charged against DRRM and EFS funds subject to the usual accounting and auditing rules and regulations.

8. For guidance and concerns on this subject, contact Engr. Elgene O. Dequilla, Engineer III of ESD-EFS, at 09985559053 or email elgene.dequilla@deped.gov.ph.

ATTY. ALBERTO T. ESCOBARTE, CESO II
Regional Director

Enclosure: Annex A
Reference: ESSD-2024-199 and ESSD-2025-186
Allotment: DRRM and EFS Funds
To be indicated in the Perpetual Index
under the following subjects:

PROGRAM
SAFETY EDUCATION

EOD/ESSD /RM- IMPLEMENTATION OF OPERATION GREENSHIELD 3.0: ENGINEERING A TREE-BASED NETWORK FOR
DISASTER RISK REDUCTION
0261 /October 12, 2026

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(Annex A) *Timelines and Schedule of Activities*

Activity	Responsible Person/s	Date	Location
Coordination with the partner agencies: Department of Agriculture RFO-XII, Department of Environment Region XII, MGB XII and DENR - Environmental Management Bureau - Region 12	Alyssa Jane C. Bata-anon and Nazario B. Bata-anon, Jr.	October 14-15 and 19-21, 2026	South Cotabato
Mapping of Hazard School location using the ArcGIS Software	Alyssa Jane C. Bata-anon and Nazario B. Bata-anon, Jr.	October 14-16, 2026	DepEd RO XII
Coordination and Site Inspection for Tree-Planting Preparation and Preliminary School Electrical Safety Assessment	Elgene O. Dequilla, Alyssa Jane C. Bata-anon and Nazario B. Bata-anon, Jr.	October 22-28, 2026	South Cotabato School Division: • Buto Extension ES • Liberty ES • Lambayong ES • Lampitak ES • Albagan ES • Cebuano ES – Tukay-El Extension • Lote ES • Juan-Loreto Tamayo IS • Acmonan IS • Linan ES Koronadal School Division: • Imba Primary School • El Gawel ES • Mangga ES • Mambucal Elementary School • Lasang ES



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			• Siok ES • Supon ES • Mama Mapambukol PS • Marbel 7 National High School • Esperanza National High School – Annex, San Jose Campus
Prepare QR codes and other materials for the tree planting	Alyssa Jane C. Bata-anon and Nazario B. Bata-anon, Jr.	October 29, 2026	DepEd RO XII
Distribution of Fruit Trees to the schools	Elgene O. Dequilla, Alyssa Jane C. Bata-anon and Nazario B. Bata-anon, Jr.	November 4-5 & 9-10, 2026	South Cotabato School Division: • Buto Extension ES • Liberty ES • Lambayong ES • Lampitak ES • Albagan ES • Cebuano ES – Tukay-El Extension • Lote ES • Juan-Loreto Tamayo IS • Acmonan IS • Linan ES Koronadal School Division: • Imba Primary School • El Gawel ES • Mangga ES • Mambucal Elementary School • Lasang ES • Siok ES • Supon ES • Mama Mapambukol PS • Marbel 7 National High School • Esperanza National High School – Annex, San Jose Campus



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Monitoring and Assessment of Tree-Planting Activities in Beneficiary Schools	Elgene O. Dequilla, Alyssa Jane C. Bata-anon and Nazario B. Bata-anon, Jr.	December 1-4 & 7-10, 2026	South Cotabato School Division: • Buto Extension ES • Liberty ES • Lambayong ES • Lampitak ES • Albagan ES • Cebuano ES – Tukay-El Extension • Lote ES • Juan-Loreto Tamayo IS • Acmonan IS • Linan ES Koronadal School Division: • Imba Primary School • El Gawel ES • Mangga ES • Mambucal Elementary School • Lasang ES • Siok ES • Supon ES • Mama Mapambukol PS • Marbel 7 National High School • Esperanza National High School – Annex, San Jose Campus • Marbel 4 ES • Salkan ES
Distribution of Garden Tools to Selected Beneficiary Schools, Subject to Partner Agency Approval and Availability	Elgene O. Dequilla, Alyssa Jane C. Bata-anon and Nazario B. Bata-anon, Jr.	To be announced	South Cotabato School Division: • Buto Extension ES • Liberty ES • Lambayong ES • Lampitak ES • Albagan ES • Cebuano ES – Tukay-El Extension • Lote ES • Juan-Loreto Tamayo IS • Acmonan IS



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Launching of Climate Change Awareness and Advocacy Promotional Video	Alyssa Jane C. Bata-anon	4th quarter	DepEd RO XII