

A blue-tinted image of Earth and the Moon in space. The Earth is on the left, showing a curved horizon and some cloud patterns. The Moon is on the right, appearing as a dark sphere. In the bottom left, there is a bright star with a lens flare effect. The background is a dark, starry space.

A bottom-up view :
How to “measure” water indicators?

RSPO Principles and Criteria

RSPO

Roundtable on Sustainable Palm Oil

RSPO Members



GAPKI



Rabobank

Sawit Watch



Unilever



groupe carrefour



MPOA
PERSATUAN MINYAK SAWIT
MALAYSIA



IOI GROUP



“To promote the **growth and **use** of sustainable palm oil through co-operation within the supply chain and open dialogue with its stakeholders”**

RSPO Principles & Criteria

	RSPO P & C	Criteria	Indicators
1.	Transparency	2	8
2.	Legal	3	10
3.	Financial viability	1	2
4.	Best practices	8	36
5.	Environmental responsibility	6	17
6.	Social consideration	11	28
7.	Responsible development	7	20
8.	Continuous improvement	1	5
		39	126

Best Practices

Criterion	Indicators
<p>Criterion 4.3 Practices minimise and control erosion and degradation of soils.</p>	<ul style="list-style-type: none"> • Maps of fragile soils must be available • A management strategy should exist for plantings on slopes above a certain limit • Presence of road maintenance programme. • Subsidence of peat soils should be minimised under an effective and documented water management programme. • A management strategy should be in place for other fragile and problem soils (e.g. sandy, low organic matter, acid sulfate soils)
<p>Criterion 4.4 Practices maintain the quality and availability of surface and ground water.</p>	<ul style="list-style-type: none"> • An implemented water management plan. • Protection of water courses and wetlands, including maintaining and restoring appropriate riparian buffer zones. • Monitoring of effluent BOD. • Monitoring of mill water use per tonne of FFB .

Criterion	Indicators
<p>Criterion 5.2 The status of rare, threatened or endangered species and high conservation value habitats, if any, that exist in the plantation or that could be affected by plantation or mill management, shall be identified and their conservation taken into account in management plans and operations.</p>	<ul style="list-style-type: none"> • Presence of protected areas that could be significantly affected by the grower or miller. • Conservation status (e.g. IUCN status), legal protection, population status and habitat requirements of rare, threatened, or endangered species, that could be significantly affected by the grower or miller. • Identification of high conservation value habitats, such as rare and threatened ecosystems, that could be significantly affected by the grower or miller. If rare, threatened or endangered species, or high conservation value habitats, are present, appropriate measures for management planning and operations will include: <ul style="list-style-type: none"> • Ensuring that any legal requirements relating to the protection of the species or habitat are met. • Avoiding damage to and deterioration of applicable habitats. • Controlling any illegal or inappropriate hunting, fishing or collecting activities; and developing responsible measures to resolve human-wildlife conflicts

Criterion	Indicators
<p>Criterion 7.2 Soil surveys and topographic information are used for site planning in the establishment of new plantings, and the results are incorporated into plans and operations.</p>	<ul style="list-style-type: none"> • Soil suitability maps or soil surveys adequate to establish the long-term suitability of land for oil palm cultivation should be available. • Topographic information adequate to guide the planning of drainage and irrigation systems, roads and other infrastructure should be available.
<p>Criterion 7.3 New plantings since November 2005, have not replaced primary forest or any area required to maintain or enhance one or more High Conservation Values.</p>	<ul style="list-style-type: none"> • An HCV assessment, including stakeholder consultation, is conducted prior to any conversion. • Dates of land preparation and commencement are recorded
<p>Criterion 7.4 Extensive planting on steep terrain, and/or on marginal and fragile soils, is avoided.</p>	<ul style="list-style-type: none"> • Maps identifying marginal and fragile soils, including excessive gradients and peat soils, should be available. • Where limited planting on fragile and marginal soils is proposed, plans shall be developed and implemented to protect them without incurring adverse impacts.

- ★ **RSPO generic P&C – 6 criteria & 19 indicators**
- ★ **Each country will develop their own RSPO P&C based on national interpretation (more stringent)**

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Senayan - Jakarta
Indonesia**

*Dogmatism domineers, pragmatism prevails
We are kindred in our needs and hopes.*