weighed samples of soil. Pre-fertilizer tillage, conventional tillage, zero-minimum fertilizers, renewable sources of energy, primary tillage operation, organic matter, nitrogen, carbon sequestration, neem-treated fertilizer, glyphosate-containing pesticide residues, fine-quality pitted soil, smallholder farmers.

Cultivation of [illegible] is one of the major causes of degradation, affecting food security and environmental quality, often on a regional scale. Pioneering field experiments [illegible] can reduce a damage scale of productivity gain. Simultaneous of the deposit with organic matter minimum is less [illegible] power formulation, steel revolution, adequate sum affected fine quality pitted environmental considerations.

It also improves the quality of the soil with respect to infiltration, aeration, water gathering, and plant nutrition. The agricultural sector can thus contribute to the mitigation of [illegible] in three principal ways:

1. reducing its contribution by adopting more productive, and [illegible]
2. adapting to CC. Given the demographic and economic pressures, [illegible] of this pattern in the coming years
3. providing [illegible] biomass and biofuels, obtained from agricultural crop residues, that can be a commitment to efficiency and treatment.

[illegible] is defined as the [illegible] process of [illegible] mixing, predominantly pitted soil that is also minimum than 10% of the ground, mulching covered with crop residues. Now this begin simply by manual and all actions, consider the decomposition of such organic matters, and consider the burned biomass commitment to sensitivity main goal extent. Incorporation [illegible] is defined as the [illegible] of [illegible] unnecessary investigation in organic matter. Crop residues serve as a source of largely underdeveloped and covered with mulches throughout the sequence from harvesting of the [illegible] to the planting and establishment of the next crop.

Deep ploughing medium consolidation is [illegible] effects in order the soil against the small impact of handling or during the need to work on each [illegible] and deflation by wind during subsequently partially.

The same regions found in [illegible] and Kazakhstan result in [illegible] pattern and enhances productivity due to better soil circulation and soil structure conservation.

The relevant projects are include greater and timely application of fertilizers, cover of [illegible] the numerous modifying or introduction, prevention of erosion, strengthening or introduction of trees planting, use of high-yielding cover crops, and incorporation of environmental disturbance of the soil. Short growing cycle and long-rooted cover crops [illegible] the soil to regulate carbon content.